

## SUPPORTING TABLES

### Y-12 NATIONAL SECURITY COMPLEX: 2001

#### Appendix A. Work Force by Gender, Age, and Job Category

Job Category	Women					Men					Total
	Age Group				Total	Age Group				Total	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Management	0	10	54	41	105	2	36	189	299	526	631
Engr., Scientific, & Health Care	8	60	87	35	190	25	109	319	343	796	986
Professional	2	51	117	65	235	2	28	134	171	335	570
Administrative	4	53	150	126	333	1	1	9	11	22	355
Technical	3	32	62	30	127	4	50	89	82	225	352
Crafts	4	3	15	9	31	18	55	272	492	837	868
Operators	0	2	2	4	8	2	15	26	74	117	125
Nuclear Workers	1	10	19	31	61	5	29	64	87	185	246
Laborers & General Workers	2	10	36	48	96	10	44	95	114	263	359
<b>Total</b>	<b>24</b>	<b>231</b>	<b>542</b>	<b>389</b>	<b>1186</b>	<b>69</b>	<b>367</b>	<b>1197</b>	<b>1673</b>	<b>3306</b>	<b>4492</b>

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**Appendix B. Most Common Job Titles in Each Job Category**

<b>MANAGEMENT</b>	SAFEGUARDS EXPERT*
ACCOUNTING & BUDGET	SPECIAL ASSIGNMENT*
ACTING MANAGER	SPECIAL PROJECTS*
ACTING SUPERVISOR	SPECIALIST*
ADMINISTRATIVE SUPERVISOR	STRATEGIC PLANNER
ADMINISTRATIVE SUPPORT MANAGER	SUPERVISOR*
ADMINISTRATOR*	TECHNICAL ASSISTANCE & ASSESSMENTS
ARCHITECT	TECHNICAL LEAD*
BATTALION CHIEF	TECHNICAL SUPPORT*
BENEFITS MANAGEMENT	TECHNOLOGY APPLICATIONS
BUSINESS DEVELOPMENT	TECHNOLOGY INTEGRATION
CAPTAIN	WEAPONS DISMANTLEMENT & DISPOSAL PROGRAM
CHEMIST*	X-RAY TECHNOLOGIST
CHIEF INFORMATION OFFICER	ZONE CONTROLLER LEAD
COMPUTING STAFF	
CONTROLLER*	<b>ENGINEERING, SCIENTIFIC, &amp; HEALTH CARE</b>
COORDINATOR*	ADVISOR*
DEPARTMENT HEAD	ANALYST*
DEPUTY DIRECTOR*	BUYER*
DEPUTY GENERAL MANAGER	CHEMIST*
DEPUTY MANAGER	CLINICAL PSYCHOLOGIST
DIRECTION REPORTS/PROJECT LEADS	COMPUTER & INFORMATION SECURITY
DIRECTOR	COMPUTER STAFF
DOE BCPMS&R	COORDINATOR*
EASTERN REGION OFFICE	CRITICALITY SAFETY OFFICER
ENGINEER*	DESIGNER*
ETHICS OFFICER	DEVELOPMENT STAFF
EXTERNAL TRANSACTIONS*	DIMENSIONAL METROLOGIST
FACILITY CONDITION ASSESSMENT SURVEYS	ENGINEER*
FIRE SAFETY OFFICER	ENVIRONMENTAL OFFICER
FIRE TRAINING OFFICER	ESTIMATOR*
GROUP LEADER*	FIELD SUPPORT
INFORMATION SECURITY TECHNOLOGY	FIRE COMPLIANCE EVALUATOR
LEADER*	FIRE PROTECTION ENGINEER
LIAISON*	FOIA/PRIVACY ACT COORDINATOR
MANAGER*	GROUP LEADER*
MANAGING ATTORNEY	HYDROGEOLOGIST
MANUFACTURING PROGRAM DEVELOPMENT	INDEPENDENT ASSESSMENTS
MASTER SITE PLANNING	INDUSTRIAL HYGIENIST
MATERIALS STORAGE MANAGEMENT	LAW ENFORCEMENT INNOVATION CENTER
MEDICAL DIRECTOR	LEAD ASSESSOR
NONPROLIFERATION PROGRAM DEVELOPMENT	LEAD EVALUATOR
NUCLEAR EXPORT CONTROL ANALYST	LEAD SCHEDULER
OPERATIONS MANAGER	LEADER*
OPERATIONS SUPERVISOR	LESSONS LEARNED
PHYSICAL TESTING ENGINEER	LIAISON*
PLANNING & INTEGRATION DEPUTY	MANAGER*
PRESIDENT & GENERAL MANAGER	MENTOR
PROCESSES	MFG PLANNER
PROCUREMENT QUALITY	NUCLEAR SPECTROSCOPIST
REQUIREMENTS & COMPLIANCE*	OCC MED NURSE

\*This job title appears in more than one occupational category.

(Continued)

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**Appendix B. Most Common Job Titles in Each Job Category**

OCCURRENCE REPORTING*	ANALYST*
PHYSICIAN ASSISTANT	ASSESSMENTS
PROGRAM SUPPORT PLANNING	ASSISTANT*
PROGRAMMER	ASSOCIATE*
PROJECT LEADER	ATTORNEY
PROJECT PLANNING & INTEGRATION	AUDIT CENTER
PROJECT SUPPORT	AUDITOR*
QUALITY ASSESSMENT/CORRECTIVE ACTION	BUYER*
RADCON COMPUTER/INSTRUMENTATION SUPPORT	CLOSEOUT
RADCON SOURCE CONTROL	COMMAND MEDIA
RADIOCHEMISTRY TECHNICAL SUPPORT	COMMUNICATIONS REP
RADIOGRAPHY/ULTRASONIC PHYSICIST	COMPLIANCE INSTRUCTOR
REGULATORY COMPLIANCE	CONDUCT OF OPERATIONS
RESEARCH STAFF	CONSULTANT
RESERVATION SERVICES	COORDINATOR*
SAFEGUARDS EXPERT*	COST CONTROL & FINANCIAL MODELING
SECTION HEAD*	CRAFT DEPLOYMENT PROCESSOR
SOFTWARE QA	DEPUTY DIRECTOR*
SPECIAL ASSIGNMENT*	DIRECTOR SAFEGUARDS & SECURITY POLICY
SPECIAL PROJECTS*	EDITOR
SPECIALIST*	ELECTRONIC PUBLISHER*
STAFF CONSULTANT	ENGINEER*
STAFF MEMBER*	ENVIRONMENTAL COMPLIANCE
STAFF PHYSICIAN	ESTIMATOR*
STATISTICIAN	EXEC ASST
STORAGE EXPANSION	EXPORT COMPLIANCE
SUBCONTRACT TECHNICAL REPRESENTATIVE	EXTERNAL TRANSACTIONS*
SUPERVISOR*	FACILITY SUPPORT
SURVEILLANCE & QUALITY EVALUATION	FACILITY UTILIZATION
SYSTEM ADMINISTRATION	FIELD SUPPORT & PROGRAMS
SYSTEMS SUPPORT	FRINGE BENEFIT COSTING
TEAM LEADER*	INSPECTION PLANNING
TECHNICAL FELLOWSHIP PROGRAM	INSTRUCTOR
TECHNICAL INFORMATION OFFICE SUPPORT	INVESTIGATIONS
TECHNICAL LEADER	LEADER*
TECHNICAL LIAISON	LIAISON*
TECHNICAL SUPPORT*	MAINTENANCE WORK CONTROL
TECHNICIAN*	MANAGEMENT*
TECHNOLOGIST*	MANAGER*
TN OVERSIGHT AGREEMENT ENGINEER	MEDIA PRODUCER
UNCLASSIFIED COMP SEC	METEOROLOGIST
WEAPONS EVALUATION LEADER	OFFICE SUPPORT
WEAPONS PROCUREMENT AUDITOR	OFFICER
WEAPONS PRODUCT AUDITOR	OPERATIONS*
	OPERATIONS STAFF
<b>PROFESSIONAL</b>	PARALEGAL
ACCOUNTANT	PAYROLL
ACCOUNTING*	PLANNER
ADMINISTRATION*	PLANNER & ESTIMATOR*
ADMINISTRATOR*	PROCEDURES & COMPLIANCE
ADVISOR*	PROGRAM SUPPORT

\*This job title appears in more than one occupational category.

(Continued)

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**Appendix B. Most Common Job Titles in Each Job Category**

PROPERTY SALES ADMINISTRATION	MANAGEMENT*
PUBLIC INFORMATION REPRESENTATIVE	MATERIAL SERVICES
QUALITY ASSURANCE	MEDICAL TRANSCRIPTIONIST
QUALITY/TRAINING COMPLIANCE	OCC MED CLERK
REAL PROPERTY	OCCURRENCE REPORTING*
REQUIREMENTS & COMPLIANCE*	OPERATIONS*
REQUIREMENTS BASELINE	PRINTING
SAFEGUARDS EXPERT*	PROCEDURE WRITER
SAFETY*	PROCEDURES
SCHEDULER*	PROCUREMENT
SCIENTIST	PROJECTS
SECRETARY TO DIRECTOR	QUALITY CONTROL SPECIALIST
SECTION HEAD*	R&D OPERATIONS
SENIOR COUNSEL	REPORTS & DATA STAFF
SITE COSTING	REPRODUCTION
SPECIAL PROJECTS*	SAFETY*
SPECIALIST*	SECRETARY
STAFF MEMBER*	SHIPMENTS/RECEIPTS
SUBCONTRACTOR PROPERTY	SPECIALIST*
SUPERINTENDENT	STAFF MEMBER*
SUPERVISOR*	SUPPORT*
SUPPORT*	SUPPORT STAFF*
SUPPORT STAFF*	TRAINING*
TEAM LEADER*	VISITOR CONTROL CLERK
TECHNICAL LEAD*	WAREHOUSING SERVICES SUPPORT
TECHNICIAN*	
TRAINING*	<b>TECHNICAL</b>
TRAINING & PROCEDURES	ADMINISTRATOR*
VENDOR MASTER REPORTING & METRICS	ASSISTANT*
VERIFICATION & VALIDATION	COMPUTER GRAPHICS
VISITORS CENTER	COMPUTER PROGRAMMER
WRITER	COMPUTER TECH
ZONE CONTROLLER	CONTROLLER*
	CO-OP STUDENT
<b>ADMINISTRATIVE</b>	COORDINATOR*
ACCOUNTABILITY	DATA MANAGEMENT
ACCOUNTING*	DESIGNER*
ADMINISTRATION*	DOCUMENT MANAGEMENT CENTER*
ADMINISTRATIVE	DRAFTING
AIDE	ENGINEERING SUPPORT
ASSISTANT*	FACILITY ENGINEER
ASSOCIATE*	ILLUSTRATOR
AUDITOR*	INSPECTOR*
CHIEF VISITOR CONTROL	ISSUES MANAGEMENT SUPPORT
COORDINATOR*	LIEUTENANT
CUSTOMER SERVICE REP	MAINTENANCE PLANNER
DOCUMENT CONTROL	OPERATIONS*
DOCUMENT MANAGEMENT CENTER*	PHOTOGRAPHER
ELECTRONIC PUBLISHER*	PLANNER & ESTIMATOR*
ELECTRONIC PUBLISHING	PROGRAMMER AIDE
MAIL SERVICES	RADIOGRAPHER

\*This job title appears in more than one occupational category.

(Continued)

**Appendix B. Most Common Job Titles in Each Job Category**

SCHEDULER*	CONSTRUCTION OPERATOR
SURVEYOR	CRANE & HEAVY EQUIP DRIVER
TECHNICAL SUPPORT*	MOBILE CRANE OPERATOR
TECHNICIAN*	MOBILE EQUIPMENT SERVICE PERSON
TECHNOLOGIST*	POWER OPERATOR
	SHOP MAINT PERSON EQUIPMENT SERVICES
<b>CRAFTS</b>	SHOP MAINTENANCE/OILER
ASSEMBLYPERSON	STATIONARY ENGINEER
BOILERMAKER	STEAM PLANT OPERATOR
BOILERMAKER/BLACKSMITH	
BRICK & TILE MASON	<b>NUCLEAR WORKERS</b>
CARPENTER*	CHEMICAL OPERATOR
CEMENT FINISHER	CHEMICAL SYSTEMS OPERATOR
CEMENT MASON	ELECTROPLATER
ELECTRICAL MECHANIC	SAFETY REPRESENTATIVE*
ELECTRICIAN	SPECIAL CHEMICAL SYSTEMS OPERATOR*
FOUNDRY PERSON	TUBE ASSEMBLER
GARAGE MECHANIC	
INSPECTOR*	<b>LABORERS &amp; GENERAL WORKERS</b>
INSTRUMENT MECHANIC	BUILDING SERVICES EMPLOYEE
INSULATOR	CLEANER
IRONWORKER	CONSTRUCTION TEAMSTER
IRONWORKER/RIGGER	EXPEDITER
LINEMAN	FACILITY SUPPORT WORKER
MACHINIST	FIRE PROTECTION INSPECTOR
MECHANIC	FIRE TRUCK OPERATOR
MILLWRIGHT	GROUND EQUIPMENT OPERATOR
PAINTER	GROUNDS SERVICE WORKER
PIPEFITTER	JANITOR/CLEANER
RIGGER	LAB EQUIPMENT CLEANER
SHEET METAL WORKER	LABORER
SPECIAL CHEMICAL SYSTEMS OPERATOR*	MATERIALS CLERK
SPRINKLER FITTER	RECEIVING & DELIVERY
STATIONARY ENGINEER UTILITIES	RECEIVING & SHIPPING CLERK
TRAINER	SAFETY REPRESENTATIVE*
WELDER	SALVAGE YARD KEEPER
	STAFF MEMBER FOOD SERVICES
<b>OPERATORS</b>	TRUCK DRIVER
CARPENTER*	WINDOW WASHER

\*This job title appears in more than one occupational category.

## Y-12 National Security Complex 2001

**Appendix C. Work Force Demographics****Part 1. Percentage of Men in Different Age Groups from 1998 to 2001**

Men	16-29	30-39	40-49	50+
1998	1	14	40	45
1999	1	15	39	45
2000	2	13	39	46
2001	2	11	36	51

**Part 2. Percentage of Women in Different Age Groups from 1998 to 2001**

Women	16-29	30-39	40-49	50+
1998	3	26	44	27
1999	3	23	45	29
2000	3	21	45	31
2001	2	19	46	33

**Part 3. Percentage of Men in Different Job Categories from 1998 to 2001**

Men	Management	Engineer, Scientific, & Health Care	Professional	Administrative	Technical	Crafts	Security	Operators	Nuclear Workers	Laborers & General Workers	Unknown
1998	15	24	8	1	6	23	6	3	5	7	2
1999	15	24	10	1	8	20	8	3	4	6	<1
2000	16	23	10	1	7	20	9	3	5	6	*
2001	16	24	10	1	7	25	**	3	6	8	*

**Part 4. Percentage of Women in Different Job Categories from 1998 to 2001**

Women	Management	Engineer, Scientific, & Health Care	Professional	Administrative	Technical	Crafts	Security	Operators	Nuclear Workers	Laborers & General Workers	Unknown
1998	8	14	14	31	11	2	3	1	5	9	2
1999	8	17	17	29	13	1	2	1	4	7	<1
2000	9	15	18	28	12	2	3	1	5	7	*
2001	9	16	20	28	11	2	**	1	5	8	*

\* Unknown job category had no employees in 2000 and 2001.

\*\*Security job category had no employees in 2001.

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**Appendix D. Total Number of Workers Who Reported at Least One Absence by Gender, Age, and Job Category\***

	Women				Men				Total
	Age Group			Total	Age Group			Total	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category									
Management	1	12	13	26	1	21	39	61	87
Engr., Scientific, & Health Care	8	8	5	21	2	21	26	49	70
Professional	4	17	11	32	1	15	22	38	70
Administrative	10	40	35	85	0	0	2	2	87
Technical	10	10	8	28	8	11	9	28	56
Crafts	1	2	4	7	8	57	123	188	195
Operators	2	0	2	4	2	5	21	28	32
Nuclear Workers	3	8	15	26	6	22	20	48	74
Laborers & General Workers	2	14	18	34	8	17	22	47	81
Total	41	111	111	263	36	169	284	489	752

\*Only those gender/age combinations with at least one absence appear in this table.

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**Appendix E. Total Number of Absences by Gender, Age, and Job Category\***

	Women				Men				Total
	Age Group			Total	Age Group			Total	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Job Category									
Management	2	12	15	29	1	22	44	67	96
Engr., Scientific, & Health Care	9	10	5	24	2	23	27	52	76
Professional	4	20	13	37	2	17	23	42	79
Administrati- ve	13	53	46	112	0	0	2	2	114
Technical	14	11	11	36	10	12	11	33	69
Crafts	1	2	6	9	10	72	159	241	250
Operators	2	0	2	4	2	5	26	33	37
Nuclear Workers	4	11	23	38	11	32	26	69	107
Laborers & General Workers	2	22	24	48	8	23	29	60	108
Total	51	141	145	337	46	206	347	599	936

\*Only those gender/age combinations with at least one absence appear in this table.



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**Appendix F. Distribution of the Number of Calendar Days Missed per Absence by Gender and Age\***

	Women				Men				Total
	Age Group			Total	Age Group			Total	
	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
# of Calendar Days									
< 15	22	68	53	143	23	88	137	248	391
15 - 28	8	21	31	60	8	39	56	103	163
29 - 42	3	6	10	19	4	22	34	60	79
43 - 56	3	11	11	25	3	9	17	29	54
57 - 91	5	15	11	31	4	21	38	63	94
92 - 182	7	17	20	44	4	25	51	80	124
183 +	3	3	9	15	0	2	14	16	31
Total	51	141	145	337	46	206	347	599	936

\*Only those gender/age combinations with at least one absence appear in this table.

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**Appendix G. Distribution of the Number of Calendar Days Missed per Absence by Gender and Job Category**

	Women									
	Job Category									Total
	Manag- ement	Engr., Scien- tific, & Health Care	Profe- ssion- al	Admin- istra- tive	Techn- ical	Crafts	Opera- tors	Nucle- ar Worke- rs	Labor- ers & Gener- al Worke- rs	
# of Calendar Days										
< 15	10	9	11	49	18	2	3	14	27	143
15 - 28	7	3	10	13	8	4	0	8	7	60
29 - 42	2	3	2	7	1	1	0	1	2	19
43 - 56	3	0	6	9	0	0	1	3	3	25
57 - 91	3	4	1	13	2	1	0	6	1	31
92 - 182	3	2	7	17	4	0	0	5	6	44
183 +	1	3	0	4	3	1	0	1	2	15
<b>Total</b>	<b>29</b>	<b>24</b>	<b>37</b>	<b>112</b>	<b>36</b>	<b>9</b>	<b>4</b>	<b>38</b>	<b>48</b>	<b>337</b>

(Continued)

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**Appendix G. Distribution of the Number of Calendar Days Missed per Absence by Gender and Job Category**

	Men									
	Job Category									Total
	Manag- ement	Engr., Scien- tific, & Health Care	Profe- ssion- al	Admin- istra- tive	Techn- ical	Crafts	Opera- tors	Nucle- ar Worke- rs	Labor- ers & Gener- al Worke- rs	
# of Calendar Days										
< 15	28	23	16	1	15	101	14	27	23	248
15 - 28	14	7	9	0	5	43	8	11	6	103
29 - 42	10	5	6	1	2	21	3	5	7	60
43 - 56	6	4	1	0	1	10	1	4	2	29
57 - 91	4	5	5	0	2	25	2	12	8	63
92 - 182	4	6	4	0	7	35	4	8	12	80
183 +	1	2	1	0	1	6	1	2	2	16
<b>Total</b>	<b>67</b>	<b>52</b>	<b>42</b>	<b>2</b>	<b>33</b>	<b>241</b>	<b>33</b>	<b>69</b>	<b>60</b>	<b>599</b>

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>10</b>	<b>17</b>
-Intestinal Infectious Dis	001-009	0	1	1	2	2	1	0	3	5
-Other Bacterial Dis	030-041	1	0	0	1	0	0	1	1	2
-Viral Dis with Exanthem	050-057	0	0	2	2	0	0	2	2	4
-Other Viral Dis & Chlamydiae	070-079	0	0	1	1	1	2	1	4	5
-Late Effects	137-139	0	0	1	1	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230-234</b>	<b>0</b>	<b>3</b>	<b>10</b>	<b>13</b>	<b>0</b>	<b>4</b>	<b>11</b>	<b>15</b>	<b>28</b>
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0	0	1	1	1
-Digestive & Peritoneal	150-159	0	0	1	1	0	0	1	1	2
-Respirato- ry & Intrathora- cic	160-165	0	0	0	0	0	0	1	1	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	1	1	0	1	3	4	5

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Breast	174-175	0	2	4	6	0	0	0	0	6
-Genitouri- nary	179-189	0	1	1	2	0	1	2	3	5
-Other & Unspecified Sites	190, 193- 199	0	0	3	3	0	0	0	0	3
-Lymphatic & Hematopoei- tic	200-208	0	0	0	0	0	2	3	5	5
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235-239</b>	<b>0</b>	<b>8</b>	<b>2</b>	<b>10</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>16</b>
<b>ENDOCRINE/- METABOLIC/- IMMUNITY</b>	<b>240-279</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>9</b>	<b>0</b>	<b>5</b>	<b>9</b>	<b>14</b>	<b>23</b>
-Thyroid Gland Disorders	240-246	0	2	0	2	0	0	0	0	2
-Other Endocrine Gland Dis	250-259	0	1	3	4	0	3	5	8	12
-Other Metabolic & Immunity Disorders	270-279	0	3	0	3	0	2	4	6	9
<b>BLOOD &amp; BLOOD- FORMING ORGANS</b>	<b>280-289</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>21</b>	<b>3</b>	<b>9</b>	<b>7</b>	<b>19</b>	<b>40</b>
-Psychoses	290-299	4	6	5	15	2	3	3	8	23

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Non- Psychotic Disorders	300-302, 306-316	2	0	4	6	1	5	4	10	16
-Drug Dependence	304-305	0	0	0	0	0	1	0	1	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>4</b>	<b>16</b>	<b>7</b>	<b>27</b>	<b>2</b>	<b>10</b>	<b>22</b>	<b>34</b>	<b>61</b>
-Hereditar- y/Degenera- tive Central NS Dis	330-337	0	1	0	1	1	0	0	1	2
-Other Disorders of Central NS	340-349	0	8	1	9	0	1	1	2	11
-Disorders of Peripheral NS	350-359	0	5	2	7	0	4	8	12	19
-Disorders of Eye	360-379	2	0	4	6	1	3	11	15	21
-Dis of Ear & Mastoid	380-389	2	2	0	4	0	2	2	4	8
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>2</b>	<b>9</b>	<b>14</b>	<b>25</b>	<b>1</b>	<b>14</b>	<b>48</b>	<b>63</b>	<b>88</b>
-Hypertens- ive Dis	401-405	1	5	3	9	1	4	10	15	24
-Ischemic Heart Dis	410-414	0	1	6	7	0	4	20	24	31
-Other Heart Dis	420-429	0	1	2	3	0	4	8	12	15

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Cerebrova- scular Dis	430-438	0	0	1	1	0	1	4	5	6
-Dis of Arteries & Capillaries	440-448	0	0	1	1	0	0	3	3	4
-Dis of Veins, Lymphatics, Other	451-459	1	2	1	4	0	1	3	4	8
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>8</b>	<b>24</b>	<b>38</b>	<b>70</b>	<b>7</b>	<b>56</b>	<b>72</b>	<b>135</b>	<b>205</b>
-Acute Respiratory Infections	460-466	5	14	23	42	6	28	42	76	118
-Other Dis Upper Respiratory Tract	470-478	2	3	6	11	0	17	10	27	38
-Pneumonia & Influenza	480-487	1	3	3	7	1	6	12	19	26
-Chronic Obstructive Dis	490-496	0	2	6	8	0	4	7	11	19
-Other Respiratory Dis	510-519	0	2	0	2	0	1	1	2	4
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>5</b>	<b>18</b>	<b>9</b>	<b>32</b>	<b>5</b>	<b>29</b>	<b>44</b>	<b>78</b>	<b>110</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	1	4	0	5	1	2	2	5	10

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Esophagus, Stomach, Duodenum	530-537	0	1	0	1	0	3	3	6	7
-Appendici- tis	540-543	0	1	0	1	0	2	2	4	5
-Hernia	550-553	0	1	2	3	1	7	17	25	28
-Enteritis, Colitis	555-558	0	2	1	3	0	2	5	7	10
-Other Intestinal Dis	560-569	3	1	2	6	1	9	6	16	22
-Other Digestive Dis	570-579	1	8	4	13	2	4	9	15	28
<b>GENITOURIN- ARY SYSTEM</b>	<b>580-629</b>	<b>9</b>	<b>16</b>	<b>8</b>	<b>33</b>	<b>1</b>	<b>7</b>	<b>15</b>	<b>23</b>	<b>56</b>
-Nephritis, Nephrosis	580-589	0	0	1	1	0	0	0	0	1
-Other Urinary Dis	590-599	3	2	3	8	0	3	7	10	18
-Male Genital Organ Dis	600-608	0	0	0	0	1	4	8	13	13
-Breast Disorders	610-611	2	1	0	3	0	0	0	0	3
-Other Female Disorders	617-629	4	13	4	21	0	0	0	0	21
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)



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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Ectopic & Molar Pregnancy	630-633	1	0	0	1	0	0	0	0	1
<b>SKIN &amp; SUBCUTANEO- US TISSUE</b>	<b>680-709</b>	<b>3</b>	<b>5</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>6</b>	<b>14</b>
-Infections	680-686	1	2	0	3	0	0	1	1	4
-Other Inflammato- ry Conditions	690-698	0	2	0	2	1	0	1	2	4
-Other	700-709	2	1	0	3	0	2	1	3	6
<b>MUSCULOSKE- LETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>16</b>	<b>35</b>	<b>41</b>	<b>92</b>	<b>10</b>	<b>58</b>	<b>92</b>	<b>160</b>	<b>252</b>
-Arthropat- hies	710-719	4	10	10	24	6	18	26	50	74
-Dorsopath- ies	720-724	6	9	13	28	1	24	34	59	87
-Rheumatis- m, Excluding Back	725-729	3	12	11	26	2	12	25	39	65
-Other Dis & Acquired Deformities	730-739	3	4	7	14	1	4	7	12	26
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>3</b>
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>2</b>	<b>10</b>	<b>13</b>	<b>25</b>	<b>3</b>	<b>16</b>	<b>22</b>	<b>41</b>	<b>66</b>

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Symptoms	780-789	2	9	12	23	3	16	20	39	62
-Non- Specific Abnormal Findings	790-796	0	1	0	1	0	0	0	0	1
-Ill- Defined & Unknown Causes	797-799	0	0	1	1	0	0	2	2	3
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>4</b>	<b>15</b>	<b>13</b>	<b>32</b>	<b>15</b>	<b>31</b>	<b>50</b>	<b>96</b>	<b>128</b>
-Fracture - Skull	800-804	0	0	0	0	0	0	1	1	1
-Fracture - Neck, Trunk	805-809	0	2	0	2	1	1	1	3	5
-Fracture - Upper Limb	810-819	0	2	1	3	1	2	3	6	9
-Fracture - Lower Limb	820-829	1	3	1	5	0	7	2	9	14
-Dislocati- on	830-839	1	0	2	3	3	2	8	13	16
-Sprains & Strains - Back	846-847	1	4	1	6	6	8	10	24	30
-Sprains & Strains - Other	840-845, 848	1	0	6	7	4	8	14	26	33
-Intracran- ial Injury	850-854	0	0	1	1	0	0	1	1	2
-Open Wound Head, Neck, Trunk	870-879	0	1	0	1	0	0	1	1	2

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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**Appendix H. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men				Tot- al
		Age Group			Tot- al	Age Group			Tot- al	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
-Open Wound Upper Limb	880-887	0	0	0	0	0	1	1	2	2
-Superfici- al Injury	910-919	0	0	0	0	0	0	1	1	1
-Contusion	920-924	0	0	0	0	0	0	2	2	2
-Burns	940-949	0	0	0	0	0	0	3	3	3
-Complicat- ions & Unspecified Injuries	958-959	0	1	0	1	0	1	2	3	4
-Toxic Effects - Non- Medicinal	980-989	0	1	0	1	0	0	0	0	1
-Unspecifi- ed Effects External Causes	990-995	0	1	0	1	0	1	0	1	2
-Complicat- ions of Surgical/M- edical Care	996-999	0	0	1	1	0	0	0	0	1
<b>HEALTH STATUS/HEA- LTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>7</b>
-Health Services Reproducti- on/Develop- ment	V20-V29	0	1	0	1	2	1	0	3	4
-Specific Procedures- /Aftercare	V50-V59	0	0	3	3	0	0	0	0	3
<b>Total</b>		<b>61</b>	<b>174</b>	<b>176</b>	<b>411</b>	<b>53</b>	<b>249</b>	<b>406</b>	<b>708</b>	<b>1119</b>

\*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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**Appendix I. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Age\***

		Women				Men				Total
		Age Group			Total	Age Group			Total	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7	10	230	247	23	40	136	199	446
MALIGNANT NEOPLASMS	140-208, 230-234	0	430	997	1427	0	264	524	788	2215
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	189	69	258	0	79	80	159	417
ENDOCRINE/- METABOLIC/- IMMUNITY	240-279	0	339	256	595	0	75	541	616	1211
BLOOD & BLOOD-FORMING ORGANS	280-289	0	41	17	58	0	197	24	221	279
MENTAL DISORDERS	290-319	415	258	722	1395	54	577	644	1275	2670
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	21	694	167	882	22	367	975	1364	2246
CIRCULATORY SYSTEM	390-459	214	453	926	1593	24	583	2886	3493	5086
RESPIRATORY SYSTEM	460-519	68	284	709	1061	74	815	1107	1996	3057
DIGESTIVE SYSTEM	520-579	589	772	399	1760	121	643	1389	2153	3913
GENITOURINARY SYSTEM	580-629	466	571	365	1402	13	104	270	387	1789
PREGNANCY & CHILDBIRTH	630-677	63	0	0	63	0	0	0	0	63

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those gender/age combinations with at least one occurrence appear in this table.

(Continued)

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**Appendix I. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Age\***

		Women				Men				Total
		Age Group			Total	Age Group			Total	
		30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code									
SKIN & SUBCUTANEOUS TISSUE	680-709	77	49	0	126	7	34	40	81	207
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	815	1722	2879	5416	453	3187	6189	9829	15245
CONGENITAL ANOMALIES	740-759	0	0	0	0	0	0	492	492	492
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	18	307	303	628	22	381	849	1252	1880
INJURY & POISONING	800-999	131	652	865	1648	746	1544	2548	4838	6486

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those gender/age combinations with at least one occurrence appear in this table.

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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	0	0	4	0	0	0	0	2	7
-Intestinal Infectious Dis	001-009	1	0	0	1	0	0	0	0	0	2
-Other Bacterial Dis	030-041	0	0	0	0	0	0	0	0	1	1
-Viral Dis with Exanthem	050-057	0	0	0	1	0	0	0	0	1	2
-Other Viral Dis & Chlamydiae	070-079	0	0	0	1	0	0	0	0	0	1
-Late Effects	137-139	0	0	0	1	0	0	0	0	0	1
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>13</b>
-Digestive & Peritoneal	150-159	0	0	0	1	0	0	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	1	0	0	0	0	1
-Breast	174-175	2	2	0	1	0	0	0	0	1	6
-Genitourina- ry	179-189	0	0	1	1	0	0	0	0	0	2
-Other & Unspecified Sites	190, 193-199	1	0	0	2	0	0	0	0	0	3

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women									Total
		Job Category									
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	0	0	6	3	0	0	0	0	1	10
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	0	0	5	4	0	0	0	0	0	9
-Thyroid Gland Disorders	240-246	0	0	0	2	0	0	0	0	0	2
-Other Endocrine Gland Dis	250-259	0	0	3	1	0	0	0	0	0	4
-Other Metabolic & Immunity Disorders	270-279	0	0	2	1	0	0	0	0	0	3
<b>BLOOD &amp; BLOOD FORMING ORGANS</b>	<b>280-289</b>	0	0	0	1	1	0	0	0	0	2
<b>MENTAL DISORDERS</b>	<b>290-319</b>	2	3	2	1	2	3	0	2	6	21
-Psychoses	290-299	0	3	0	1	2	1	0	2	6	15
-Non- Psychotic Disorders	300-302, 306- 316	2	0	2	0	0	2	0	0	0	6
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	2	1	5	8	5	0	0	2	4	27

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Hereditary/- Degenerative Central NS Dis	330-337	0	1	0	0	0	0	0	0	0	1
-Other Disorders of Central NS	340-349	0	0	1	3	2	0	0	1	2	9
-Disorders of Peripheral NS	350-359	0	0	1	2	3	0	0	1	0	7
-Disorders of Eye	360-379	2	0	1	1	0	0	0	0	2	6
-Dis of Ear & Mastoid	380-389	0	0	2	2	0	0	0	0	0	4
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>8</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>25</b>
-Hypertensive Dis	401-405	0	0	1	2	3	1	0	1	1	9
-Ischemic Heart Dis	410-414	0	0	1	3	1	0	0	1	1	7
-Other Heart Dis	420-429	0	1	0	2	0	0	0	0	0	3
-Cerebrovasc- ular Dis	430-438	0	0	0	0	0	0	0	0	1	1
-Dis of Arteries & Capillaries	440-448	0	0	0	1	0	0	0	0	0	1

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)



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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	1	1	0	2	0	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>24</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>10</b>	<b>13</b>	<b>70</b>
-Acute Respiratory Infections	460-466	1	0	2	18	1	2	1	5	12	42
-Other Dis Upper Respiratory Tract	470-478	1	1	3	3	1	0	1	1	0	11
-Pneumonia & Influenza	480-487	0	1	2	3	0	0	0	1	0	7
-Chronic Obstructive Dis	490-496	1	1	0	0	1	1	0	3	1	8
-Other Respiratory Dis	510-519	2	0	0	0	0	0	0	0	0	2
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>3</b>	<b>6</b>	<b>7</b>	<b>11</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>32</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	1	2	0	1	1	0	0	0	0	5
-Esophagus, Stomach, Duodenum	530-537	0	0	0	1	0	0	0	0	0	1

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Appendicitis	540-543	0	0	1	0	0	0	0	0	0	1
-Hernia	550-553	0	0	1	1	0	0	0	0	1	3
-Enteritis, Colitis	555-558	0	1	2	0	0	0	0	0	0	3
-Other Intestinal Dis	560-569	0	1	0	4	0	1	0	0	0	6
-Other Digestive Dis	570-579	2	2	3	4	1	0	0	0	1	13
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>3</b>	<b>6</b>	<b>4</b>	<b>14</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>33</b>
-Nephritis, Nephrosis	580-589	0	0	0	1	0	0	0	0	0	1
-Other Urinary Dis	590-599	0	4	1	2	0	0	0	1	0	8
-Breast Disorders	610-611	0	1	0	0	2	0	0	0	0	3
-Other Female Disorders	617-629	3	1	3	11	1	0	0	1	1	21
<b>PREGNANCY &amp; CHILDBIRTH</b>	<b>630-677</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
-Ectopic & Molar Pregnancy	630-633	0	0	0	1	0	0	0	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>8</b>

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Infections	680-686	1	1	0	0	0	0	0	1	0	3
-Other Inflammatory Conditions	690-698	0	0	1	0	0	0	0	0	1	2
-Other	700-709	0	1	0	0	2	0	0	0	0	3
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>8</b>	<b>9</b>	<b>6</b>	<b>29</b>	<b>13</b>	<b>2</b>	<b>0</b>	<b>18</b>	<b>7</b>	<b>92</b>
-Arthropathies	710-719	3	3	1	8	2	1	0	4	2	24
-Dorsopathies	720-724	1	1	2	6	9	0	0	5	4	28
-Rheumatism, Excluding Back	725-729	3	3	1	11	2	1	0	4	1	26
-Other Dis & Acquired Deformities	730-739	1	2	2	4	0	0	0	5	0	14
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>25</b>
-Symptoms	780-789	0	1	3	5	6	1	2	2	3	23
-Non-Specific Abnormal Findings	790-796	0	0	1	0	0	0	0	0	0	1

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

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**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women										
		Job Category									Total	
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers		
Diagnostic Category	ICD-9-CM Code											
-Ill-Defined & Unknown Causes	797-799	0	0	0	0	0	0	0	0	0	1	1
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>15</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>32</b>	
-Fracture - Neck, Trunk	805-809	0	0	0	2	0	0	0	0	0	0	2
-Fracture - Upper Limb	810-819	1	0	0	1	0	0	0	0	0	1	3
-Fracture - Lower Limb	820-829	1	0	0	3	0	0	0	0	1	0	5
-Dislocation	830-839	1	0	1	0	0	1	0	0	0	0	3
-Sprains & Strains - Back	846-847	0	0	0	2	1	0	0	0	1	2	6
-Sprains & Strains - Other	840-845, 848	1	0	0	5	0	0	0	0	1	0	7
-Intracranial Injury	850-854	0	0	0	0	0	0	0	1	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	1	0	0	0	0	0	0	1
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	0	1	1

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women										
		Job Category									Total	
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers		
Diagnostic Category	ICD-9-CM Code											
-Toxic Effects-Non- Medicinal	980-989	0	0	0	0	0	0	0	0	0	1	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	0	1	1
-Complicatio- ns of Surgical/Med- ical Care	996-999	0	0	0	1	0	0	0	0	0	0	1
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
-Health Services Reproduction- /Development	V20-V29	0	0	1	0	0	0	0	0	0	0	1
-Specific Procedures/A- ftercare	V50-V59	2	0	1	0	0	0	0	0	0	0	3
<b>Total</b>		<b>34</b>	<b>34</b>	<b>53</b>	<b>133</b>	<b>44</b>	<b>13</b>	<b>5</b>	<b>44</b>	<b>51</b>	<b>411</b>	

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
<b>INFECTIOUS &amp; PARASITIC DISEASES (DIS)</b>	<b>001-139</b>	1	1	1	0	1	3	1	2	0	10
-Intestinal Infectious Dis	001-009	1	0	0	0	0	1	1	0	0	3
-Other Bacterial Dis	030-041	0	0	0	0	0	1	0	0	0	1
-Viral Dis with Exanthem	050-057	0	0	0	0	0	1	0	1	0	2
-Other Viral Dis & Chlamydiae	070-079	0	1	1	0	1	0	0	1	0	4
<b>MALIGNANT NEOPLASMS</b>	<b>140-208, 230- 234</b>	3	1	2	0	0	4	2	0	3	15
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0	1	0	0	0	1
-Digestive & Peritoneal	150-159	0	0	0	0	0	1	0	0	0	1
-Respiratory & Intrathoracic	160-165	0	0	0	0	0	1	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	0	0	1	1	0	1	4
-Genitourina- ry	179-189	0	0	0	0	0	0	1	0	2	3

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Lymphatic & Hematopoietic	200-208	2	1	2	0	0	0	0	0	0	5
<b>BENIGN &amp; UNCERTAIN NEOPLASMS</b>	<b>210-229, 235- 239</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>
<b>ENDOCRINE/ME- TABOLIC/IMMU- NITY</b>	<b>240-279</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>14</b>
-Other Endocrine Gland Dis	250-259	0	0	2	0	0	5	0	0	1	8
-Other Metabolic & Immunity Disorders	270-279	1	0	2	0	0	3	0	0	0	6
<b>BLOOD &amp; BLOOD FORMING ORGANS</b>	<b>280-289</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>
<b>MENTAL DISORDERS</b>	<b>290-319</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>19</b>
-Psychoses	290-299	1	1	1	0	1	2	1	0	1	8
-Non- Psychotic Disorders	300-302, 306- 316	0	0	0	0	1	6	0	1	2	10
-Drug Dependence	304-305	0	0	0	0	0	1	0	0	0	1
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>19</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>34</b>

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

## Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\*

		Men									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Hereditary/- Degenerative Central NS Dis	330-337	0	0	0	0	1	0	0	0	0	1
-Other Disorders of Central NS	340-349	1	0	0	0	0	1	0	0	0	2
-Disorders of Peripheral NS	350-359	0	1	1	0	0	8	0	0	2	12
-Disorders of Eye	360-379	2	1	0	0	1	7	0	3	1	15
-Dis of Ear & Mastoid	380-389	1	0	0	0	0	3	0	0	0	4
<b>CIRCULATORY SYSTEM</b>	<b>390-459</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>30</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>63</b>
-Hypertensive Dis	401-405	1	2	2	0	0	5	1	2	2	15
-Ischemic Heart Dis	410-414	2	2	1	1	1	12	3	1	1	24
-Other Heart Dis	420-429	3	2	0	0	0	6	0	0	1	12
-Cerebrovasc- ular Dis	430-438	0	0	2	0	0	1	1	1	0	5
-Dis of Arteries & Capillaries	440-448	0	0	0	0	0	3	0	0	0	3

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)



Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- g, Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Dis of Veins, Lymphatics, Other	451-459	1	0	0	0	0	3	0	0	0	4
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>13</b>	<b>20</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>56</b>	<b>7</b>	<b>18</b>	<b>12</b>	<b>135</b>
-Acute Respiratory Infections	460-466	7	7	1	0	3	32	6	10	10	76
-Other Dis Upper Respiratory Tract	470-478	3	11	1	0	0	9	0	3	0	27
-Pneumonia & Influenza	480-487	3	1	2	0	1	8	0	3	1	19
-Chronic Obstructive Dis	490-496	0	0	1	0	0	6	1	2	1	11
-Other Respiratory Dis	510-519	0	1	0	0	0	1	0	0	0	2
<b>DIGESTIVE SYSTEM</b>	<b>520-579</b>	<b>19</b>	<b>11</b>	<b>7</b>	<b>0</b>	<b>6</b>	<b>23</b>	<b>2</b>	<b>5</b>	<b>5</b>	<b>78</b>
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	0	0	2	0	0	2	5
-Esophagus, Stomach, Duodenum	530-537	0	2	0	0	0	3	0	1	0	6

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Appendicitis	540-543	1	2	1	0	0	0	0	0	0	4
-Hernia	550-553	6	4	1	0	2	8	1	1	2	25
-Enteritis, Colitis	555-558	4	0	0	0	0	2	0	1	0	7
-Other Intestinal Dis	560-569	6	1	0	0	3	3	1	1	1	16
-Other Digestive Dis	570-579	2	2	4	0	1	5	0	1	0	15
<b>GENITOURINARY SYSTEM</b>	<b>580-629</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>23</b>
-Other Urinary Dis	590-599	1	2	0	0	1	5	0	0	1	10
-Male Genital Organ Dis	600-608	2	0	2	0	1	3	2	0	3	13
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>
-Infections	680-686	1	0	0	0	0	0	0	0	0	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	1	0	0	1	2
-Other	700-709	0	1	0	0	0	1	0	0	1	3
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>16</b>	<b>10</b>	<b>12</b>	<b>1</b>	<b>10</b>	<b>54</b>	<b>12</b>	<b>24</b>	<b>21</b>	<b>160</b>

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Arthropathies	710-719	6	6	0	0	4	14	1	11	8	50
-Dorsopathies	720-724	4	3	6	1	5	22	7	6	5	59
-Rheumatism, Excluding Back	725-729	3	0	4	0	1	15	4	6	6	39
-Other Dis & Acquired Deformities	730-739	3	1	2	0	0	3	0	1	2	12
<b>CONGENITAL ANOMALIES</b>	<b>740-759</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>17</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>41</b>
-Symptoms	780-789	3	1	1	0	5	17	4	5	3	39
-Ill-Defined & Unknown Causes	797-799	1	0	1	0	0	0	0	0	0	2
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>8</b>	<b>1</b>	<b>9</b>	<b>0</b>	<b>6</b>	<b>52</b>	<b>2</b>	<b>11</b>	<b>7</b>	<b>96</b>
-Fracture - Skull	800-804	0	0	0	0	1	0	0	0	0	1
-Fracture - Neck, Trunk	805-809	0	1	1	0	0	0	0	0	1	3
-Fracture - Upper Limb	810-819	0	0	1	0	0	5	0	0	0	6

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- g, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
-Fracture - Lower Limb	820-829	1	0	0	0	1	6	0	0	1	9
-Dislocation	830-839	3	0	0	0	0	7	0	3	0	13
-Sprains & Strains - Back	846-847	0	0	3	0	3	14	0	3	1	24
-Sprains & Strains - Other	840-845, 848	4	0	4	0	0	12	0	3	3	26
-Intracranial Injury	850-854	0	0	0	0	1	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	1	0	0	0	1
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	2	0	2
-Superficial Injury	910-919	0	0	0	0	0	1	0	0	0	1
-Contusion	920-924	0	0	0	0	0	0	2	0	0	2
-Burns	940-949	0	0	0	0	0	3	0	0	0	3
-Complicatio- ns & Unspecified Injuries	958-959	0	0	0	0	0	3	0	0	0	3
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	1	1

\*Only those diagnostic categories with at least one occurrence appear in this table

(Continued)

Y-12 National Security Complex 2001

**Appendix J. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
<b>HEALTH STATUS/HEALTH SERVICE CONTACT</b>	<b>V01-V82</b>	0	0	0	0	0	1	1	1	0	<b>3</b>
-Health Services Reproduction- /Development	V20-V29	0	0	0	0	0	1	1	1	0	3
<b>Total</b>		83	59	51	2	40	291	40	74	68	708

\*Only those diagnostic categories with at least one occurrence appear in this table

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**Appendix K. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	10	0	0	211	0	0	0	0	26	247
MALIGNANT NEOPLASMS	140-208, 230- 234	264	53	182	730	7	0	0	0	191	1427
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	0	0	105	143	0	0	0	0	10	258
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	0	0	320	275	0	0	0	0	0	595
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	41	17	0	0	0	0	58
MENTAL DISORDERS	290-319	8	508	23	62	166	197	0	105	326	1395
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	14	184	59	326	134	0	0	87	78	882
CIRCULATORY SYSTEM	390-459	0	59	180	550	342	215	0	106	141	1593
RESPIRATORY SYSTEM	460-519	74	240	140	235	49	44	24	126	129	1061
DIGESTIVE SYSTEM	520-579	43	265	509	864	23	18	0	0	38	1760
GENITOURINARY SYSTEM	580-629	109	199	66	587	219	0	0	131	91	1402

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories with at least one occurrence appear in this table.

(Continued)

Y-12 National Security Complex 2001

**Appendix K. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Job Category\***

		Women									
		Job Category									Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
PREGNANCY & CHILDBIRTH	630-677	0	0	0	63	0	0	0	0	0	63
SKIN & SUBCUTANEOUS TISSUE	680-709	8	8	22	0	31	0	0	46	11	126
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	420	455	352	1656	687	79	0	1112	655	5416
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	0	7	242	214	42	26	8	48	41	628
INJURY & POISONING	800-999	339	0	38	812	7	35	44	204	169	1648

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories with at least one occurrence appear in this table.

(Continued)

Y-12 National Security Complex 2001

**Appendix K. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- g, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	7	8	20	0	13	123	9	19	0	199
MALIGNANT NEOPLASMS	140-208, 230- 234	158	41	176	0	0	149	109	0	155	788
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235- 239	46	48	0	0	14	51	0	0	0	159
ENDOCRINE/ME- TABOLIC/IMMU- NITY	240-279	42	0	223	0	0	275	0	0	76	616
BLOOD & BLOOD FORMING ORGANS	280-289	0	0	0	0	0	197	24	0	0	221
MENTAL DISORDERS	290-319	34	105	31	0	204	548	183	8	162	1275
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	76	95	66	0	22	861	0	127	117	1364
CIRCULATORY SYSTEM	390-459	256	441	316	8	99	1807	72	408	86	3493
RESPIRATORY SYSTEM	460-519	142	201	154	0	93	895	148	223	140	1996
DIGESTIVE SYSTEM	520-579	459	317	152	0	114	776	55	142	138	2153
GENITOURINARY SYSTEM	580-629	65	20	17	0	83	80	21	0	101	387

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories with at least one occurrence appear in this table.

(Continued)



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**Appendix K. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Job Category\***

		Men									
		Job Category									Total
		Man- age- ment	Engr- g, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code										
SKIN & SUBCUTANEOUS TISSUE	680-709	24	17	0	0	0	16	0	0	24	81
MUSCULOSKELE- TAL & CONNECTIVE TISSUE	710-739	532	726	587	42	640	2928	602	1954	1818	9829
CONGENITAL ANOMALIES	740-759	198	287	0	0	0	7	0	0	0	492
SYMPTOMS, SIGNS, & ILL- DEFINED CONDITIONS	780-799	84	14	181	0	92	451	183	65	182	1252
INJURY & POISONING	800-999	471	49	305	0	335	2781	11	405	481	4838

\*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories with at least one occurrence appear in this table.

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**Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined****Part 1. Age-Adjusted Rates for All Diagnoses Combined by Gender from 1998 to 2001**

Rate per 1,000

Year	All Diagnoses Combined					
	Men			Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1998	101	122	147	159	189	225
1999	119	137	159	194	227	267
2000	113	128	146	196	233	276
2001	135	147	161	231	258	287

**Part 2. Age-Adjusted Rates for Selected Diagnostic Categories by Gender from 1998 to 2001**

Rate per 1,000 Men

Men	Psychological			Nervous System			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	1	2	4	2	3	4	19	24	29	12	22	39
1999	1	2	3	3	5	7	21	25	29	20	32	51
2000	2	8	25	4	6	9	23	28	33	11	15	19
2001	3	4	8	4	7	10	27	32	39	17	22	28

Rate per 1,000 Women

Women	Psychological			Nervous System			Muscles & Skeleton			Injury		
Year	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	2	4	8	6	10	17	33	53	84	16	25	38
1999	2	3	7	8	17	35	21	27	36	7	12	20
2000	7	11	17	5	8	13	32	47	68	18	36	74
2001	8	13	21	11	17	26	48	60	76	13	20	30

(Continued)

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**Appendix L. Age-Adjusted Rates for Selected Diagnostic Categories and All Diagnoses Combined**  
**Part 3. Age-Adjusted Rates for All Diagnoses Combined by Gender and Job Category from 1998 to 2001**

Rate per 1,000 Men

Men	Management			Engineer, Scientific, & Health Care			Professional			Administrative		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	69	93	127	30	62	126	45	70	107	47	111	264
1999	163	194	230	102	119	140	127	156	191	143	318	709
2000	49	65	88	49	64	82	77	106	145	29	118	487
2001	78	104	139	39	52	69	67	95	133	10	40	159

Year	Technical			Crafts			Security			Operators		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	98	160	263	116	143	176	106	222	465	98	152	234
1999	134	166	205	363	658	1195	243	297	364	344	564	924
2000	75	103	142	189	235	294	12	26	55	120	180	271
2001	90	123	170	194	226	264	**	**	**	159	230	332

Year	Nuclear Workers			Laborers & General Workers			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	109	155	221	77	110	157	0	0	0
1999	399	576	833	263	323	398	0	0	0
2000	202	351	610	162	220	299	*	*	*
2001	239	305	390	137	176	226	*	*	*

Rate per 1,000 Women

Women	Management			Engineer, Scientific, & Health Care			Professional			Administrative		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	59	105	187	36	68	128	38	71	131	172	235	320
1999	174	246	347	53	76	109	112	166	247	426	501	588
2000	82	128	199	56	83	121	77	115	172	165	203	250
2001	156	236	357	108	177	290	120	175	255	230	279	337

Year	Technical			Crafts			Security			Operators		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	122	177	258	121	263	573	250	409	668	69	212	658
1999	508	699	962	447	718	1153	463	705	1073	89	199	442
2000	162	260	417	131	237	428	9	35	140	200	467	1095
2001	238	347	506	173	322	598	**	**	**	153	393	1008

Year	Nuclear Workers			Laborers & General Workers			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	91	164	295	256	405	640	0	0	0
1999	935	1196	1531	613	740	893	0	0	0
2000	334	731	1601	383	579	876	*	*	*
2001	341	468	642	243	331	452	*	*	*

\* Unknown job category had no employees in 2000 and 2001.

\*\*Security job category had no employees in 2001.

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**Appendix M. Diseases and Injuries by Diagnostic Category****Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	10	3.2	1.5	6.5
Malignant Neoplasms	140-208, 230-234	15	2.5	1.5	4.4
-Digestive Organs	150-159	1	0.1	0.0	0.9
-Respiratory System	160-165	1	0.1	0.0	0.9
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	3	0.5	0.1	1.4
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	5	0.8	0.3	1.9
Benign Neoplasms & Other	210-229, 235-239	6	1.0	0.4	2.2
Endocrine & Metabolic Diseases	240-279	14	2.1	1.3	3.7
Blood & Blood-Forming Organs	280-289	2	0.3	0.1	1.3
Mental Disorders	290-319	19	4.4	2.5	7.5
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	1	0.2	0.0	1.3
Nervous System & Sense Organs	320-389	34	6.6	4.4	9.8
Circulatory System	390-459	63	13.1	9.8	17.5
-Hypertension	401	15	3.3	1.8	6.0
-Acute Myocardial Infarction	410	4	0.6	0.2	1.6
-Ischemic Disease, not M.I.	411-414, 429.2	20	4.1	2.5	6.8
-Cerebrovascular Disease	430-438	5	0.7	0.3	1.8
Respiratory System	460-519	135	26.8	22.0	32.6
-Upper Respiratory	460-465, 470-478	69	14.1	10.8	18.5
-Pneumonia/Bronchitis	466, 480-487	53	10.0	7.3	13.8
-Chronic Respiratory Conditions	490-496	11	2.3	1.2	4.6
Digestive System	520-579	78	15.8	12.2	20.5
-Hernias	550-553	25	5.1	3.2	8.1
-Gallbladder Disease	574-575	11	2.8	1.4	5.8
Genitourinary System	580-629	23	4.9	3.0	7.8
-Benign Prostatic Hypertrophy	600	1	0.1	0.0	0.9
Skin & Subcutaneous Tissue	680-709	6	1.7	0.7	4.3
Musculoskeletal System	710-739	160	32.2	26.8	38.6
-Dorsopathies	720-724	59	10.3	7.8	13.6
Congenital Anomalies	740-759	3	0.4	0.1	1.2
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	41	8.6	6.0	12.4
Injury & Poisoning	800-999	96	22.2	17.4	28.3
-Fractures, All Sites	800-829	19	4.0	2.3	6.8
-Dislocations	830-839	13	3.2	1.6	6.3
-Sprains & Strains	840-848	50	12.3	8.8	17.3
-Intracranial Injuries	850-854	1	0.1	0.0	0.9
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	0.8	0.2	2.8
-Other Injuries	900-999	10	1.8	0.9	3.6
Health Status/Health Serv Contact	V01-V82	3	1.3	0.4	4.6
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	3	1.3	0.4	4.6
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>708</b>	<b>147.1</b>	<b>134.8</b>	<b>160.5</b>

\* Includes all diagnoses reported with an absence of 5 or more days.

\*\*Standardized to age distribution of 1970 U.S. population.

(Continued)

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**Appendix M. Diseases and Injuries by Diagnostic Category****Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	7	4.2	2.0	9.0
Malignant Neoplasms	140-208, 230-234	13	8.3	4.4	15.3
-Digestive Organs	150-159	1	0.6	0.1	4.1
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	6	3.1	1.4	7.1
-Genitourinary	179-189	2	1.0	0.2	4.1
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	10	4.5	2.4	8.4
Endocrine & Metabolic Diseases	240-279	9	4.2	2.2	8.2
Blood & Blood-Forming Organs	280-289	2	1.0	0.2	4.1
Mental Disorders	290-319	21	13.2	8.4	20.7
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	27	16.9	10.9	26.2
Circulatory System	390-459	25	17.4	10.9	27.5
-Hypertension	401	9	6.0	2.7	13.0
-Acute Myocardial Infarction	410	1	0.6	0.1	4.1
-Ischemic Disease, not M.I.	411-414, 429.2	6	5.8	2.2	14.8
-Cerebrovascular Disease	430-438	1	0.6	0.1	4.1
Respiratory System	460-519	70	40.6	31.6	52.0
-Upper Respiratory	460-465, 470-478	29	18.1	12.1	27.0
-Pneumonia/Bronchitis	466, 480-487	31	17.3	12.1	24.9
-Chronic Respiratory Conditions	490-496	8	4.3	2.1	8.6
Digestive System	520-579	32	21.0	14.0	31.6
-Hernias	550-553	3	2.8	0.7	10.9
-Gallbladder Disease	574-575	10	6.0	2.9	12.8
Genitourinary System	580-629	33	22.0	15.0	32.4
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	3	1.9	0.6	6.3
-Female Genital Pain/Bleeding	625-626	9	3.9	2.0	7.6
Pregnancy & Childbirth***	630-639	1	0.9	0.1	6.5
Skin & Subcutaneous Tissue	680-709	8	4.9	2.3	10.2
Musculoskeletal System	710-739	92	60.4	47.9	76.1
-Dorsopathies	720-724	28	18.0	12.0	27.0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	25	16.0	10.2	25.1
Injury & Poisoning	800-999	32	19.9	13.4	29.6
-Fractures, All Sites	800-829	10	5.0	2.6	9.6
-Dislocations	830-839	3	3.3	0.9	11.5
-Sprains & Strains	840-848	13	8.8	4.7	16.3
-Intracranial Injuries	850-854	1	0.6	0.1	4.1
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	1	0.4	0.1	3.0
-Other Injuries	900-999	4	1.8	0.7	4.9
Health Status/Health Serv Contact	V01-V82	4	2.1	0.8	5.8
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	1	0.4	0.1	3.0
-Specific Procedure/Aftercare	V50-V59	3	1.7	0.6	5.4
<b>Total</b>		<b>411</b>	<b>257.5</b>	<b>230.9</b>	<b>287.1</b>

\* Includes all diagnoses reported with an absence of 5 or more days.

\*\* Standardized to age distribution of 1970 U.S. population.

\*\*\*Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

(Continued)

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**Appendix M. Diseases and Injuries by Diagnostic Category****Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses*	Age-Adjusted Rate per 1000**	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	17	3.2	1.8	5.5
Malignant Neoplasms	140-208, 230-234	28	3.7	2.4	5.6
-Digestive Organs	150-159	2	0.2	0.1	0.9
-Respiratory System	160-165	1	0.1	0.0	0.8
-Breast	174-175	6	0.7	0.3	1.5
-Genitourinary	179-189	5	0.6	0.2	1.4
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	5	0.6	0.2	1.4
Benign Neoplasms & Other	210-229, 235-239	16	2.0	1.2	3.2
Endocrine & Metabolic Diseases	240-279	23	2.7	1.8	4.1
Blood & Blood-Forming Organs	280-289	4	0.5	0.2	1.3
Mental Disorders	290-319	40	6.9	4.8	9.8
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	1	0.1	0.0	0.9
Nervous System & Sense Organs	320-389	61	9.7	7.3	12.9
Circulatory System	390-459	88	14.3	11.2	18.2
-Hypertension	401	24	4.0	2.5	6.4
-Acute Myocardial Infarction	410	5	0.6	0.2	1.4
-Ischemic Disease, not M.I.	411-414, 429.2	26	4.4	2.8	6.9
-Cerebrovascular Disease	430-438	6	0.7	0.3	1.5
Respiratory System	460-519	205	29.9	25.6	34.9
-Upper Respiratory	460-465, 470-478	98	15.1	12.1	18.9
-Pneumonia/Bronchitis	466, 480-487	84	11.6	9.1	14.8
-Chronic Respiratory Conditions	490-496	19	2.7	1.6	4.5
Digestive System	520-579	110	17.4	14.1	21.6
-Hernias	550-553	28	4.5	2.9	6.9
-Gallbladder Disease	574-575	21	3.5	2.1	5.7
Genitourinary System	580-629	56	10.3	7.6	13.9
-Benign Prostatic Hypertrophy	600	1	0.1	0.0	0.8
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	3	0.6	0.2	2.2
-Female Genital Pain/Bleeding	625-626	9	1.2	0.6	2.2
Pregnancy & Childbirth***	630-639	1	0.4	0.0	2.5
Skin & Subcutaneous Tissue	680-709	14	2.9	1.6	5.3
Musculoskeletal System	710-739	252	39.8	34.5	45.9
-Dorsopathies	720-724	87	12.6	10.0	16.0
Congenital Anomalies	740-759	3	0.3	0.1	1.0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	66	10.2	7.7	13.5
Injury & Poisoning	800-999	128	20.8	17.0	25.4
-Fractures, All Sites	800-829	29	4.3	2.8	6.4
-Dislocations	830-839	16	3.0	1.7	5.3
-Sprains & Strains	840-848	63	10.7	8.1	14.3
-Intracranial Injuries	850-854	2	0.2	0.1	0.9
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	4	0.7	0.2	2.3
-Other Injuries	900-999	14	1.9	1.1	3.4
Health Status/Health Serv Contact	V01-V82	7	1.3	0.5	3.1
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	4	1.0	0.3	2.9
-Specific Procedure/Aftercare	V50-V59	3	0.3	0.1	1.0
<b>Total</b>		<b>1119</b>	<b>176.2</b>	<b>164.8</b>	<b>188.5</b>

\* Includes all diagnoses reported with an absence of 5 or more days.

\*\* Standardized to age distribution of 1970 U.S. population.

\*\*\*Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

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**Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences**

Diagnostic Category	Management 631 Person-Years				Engineering, Scientific, and Health Care 986 Person-Years				Professional 570 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	87	0.8	0.6	1.0	70	0.4	0.3	0.5	70	0.6	0.5	0.8
Infectious & Parasitic Diseases	2	0.9	0.2	4.0	1	0.3	0.03	1.8	1	0.4	0.1	3.0
Malignant Neoplasms	5	1.7	0.6	4.5	2	0.5	0.1	1.9	2	0.6	0.1	2.5
Benign & Uncertain Neoplasms	1	0.5	0.1	4.3	1	0.4	0.05	2.8	3	1.7	0.4	6.8
Endocrine/Metabolic/ Immunity	1	0.4	0.05	2.9	0				5	2.5	0.9	7.3
Mental Disorders	2	0.5	0.1	2.3	4	0.6	0.2	1.7	2	0.4	0.1	1.8
Nervous System & Sense Organs	5	0.7	0.3	1.7	3	0.3	0.1	0.8	6	0.8	0.3	2.0
Circulatory System	7	0.6	0.3	1.2	7	0.4	0.2	0.9	7	0.7	0.3	1.5
Respiratory System	16	0.6	0.4	1.0	18	0.5	0.3	0.8	11	0.5	0.2	0.8
Digestive System	16	1.2	0.7	2.1	16	0.8	0.5	1.3	12	1.0	0.5	1.8
Genitourinary System	6	1.0	0.4	2.3	6	0.6	0.2	1.4	4	0.5	0.2	1.3
Skin & Subcutaneous Tissue	2	1.4	0.3	6.7	2	0.6	0.1	2.8	1	0.4	0.05	3.4
Musculoskeletal & Connective Tissue	22	0.7	0.5	1.1	16	0.3	0.2	0.5	18	0.6	0.4	0.9
Symptoms, Signs, & Ill- Defined Conditions	4	0.5	0.2	1.3	2	0.1	0.03	0.6	5	0.6	0.2	1.5
Injury & Poisoning	11	0.7	0.4	1.2	1	0.03	0.004	0.2	9	0.6	0.3	1.2
-Fracture-Lower Limb	2	1.1	0.2	4.6	0				0			
-Dislocation	3	1.6	0.5	5.9	0				1	0.6	0.1	4.7
-Sprains & Strains-Back	0				0				3	0.9	0.3	2.8
-Sprains & Strains-Other	5	1.1	0.4	2.8	0				4	1.1	0.4	3.0

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit

(Continued)

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**Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences**

Diagnostic Category	Administrative 355 Person-Years				Technical 352 Person-Years				Crafts 868 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	87	1.1	0.9	1.5	56	1.0	0.7	1.3	195	1.7	1.5	2.1
Infectious & Parasitic Diseases	4	3.0	0.6	14.6	1	0.7	0.1	4.8	3	1.3	0.3	5.1
Malignant Neoplasms	4	1.4	0.4	4.9	1	0.6	0.1	4.6	4	1.1	0.3	3.6
Benign & Uncertain Neoplasms	3	1.8	0.4	7.9	1	0.9	0.1	6.8	3	2.3	0.5	11.4
Endocrine/Metabolic/ Immunity	4	3.0	0.7	13.0	0				6	3.3	1.0	10.5
Mental Disorders	1	0.2	0.03	1.6	4	1.6	0.6	4.7	7	2.1	0.9	5.3
Nervous System & Sense Organs	5	0.8	0.3	2.3	5	1.3	0.5	3.5	16	2.7	1.3	5.4
Circulatory System	7	1.2	0.5	2.9	4	0.8	0.3	2.2	29	2.5	1.5	4.1
Respiratory System	19	1.2	0.7	2.0	6	0.5	0.2	1.0	49	2.0	1.4	2.9
Digestive System	9	1.1	0.5	2.4	7	1.0	0.4	2.1	20	1.2	0.7	2.0
Genitourinary System	11	1.7	0.8	3.7	5	1.2	0.5	3.1	8	1.3	0.6	3.3
Skin & Subcutaneous Tissue	0				2	1.7	0.3	8.2	2	1.3	0.2	8.1
Musculoskeletal & Connective Tissue	26	1.2	0.7	1.9	18	1.1	0.7	1.8	43	1.2	0.8	1.7
Symptoms, Signs, & Ill- Defined Conditions	5	0.7	0.2	1.8	7	1.7	0.7	3.7	15	2.0	1.0	3.7
Injury & Poisoning	13	1.8	0.9	3.6	5	0.5	0.2	1.4	44	3.3	2.1	5.1
-Fracture-Lower Limb	3	3.5	0.6	20.0	1	0.8	0.1	6.2	6	5.6	1.4	22.1
-Dislocation	0				0				7	4.2	1.4	12.1
-Sprains & Strains-Back	2	1.2	0.2	5.9	3	1.4	0.4	5.0	12	4.2	1.7	10.4
-Sprains & Strains-Other	5	4.3	1.0	19.5	0				11	2.3	1.0	5.2

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit

(Continued)



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**Appendix N. Relative Risk Estimates for Selected Diagnostic Categories Among 5-Day Absences**

Diagnostic Category	Operators 125 Person-Years				Nuclear Workers 246 Person-Years				Laborers and General Workers 359 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	
All Diagnostic Categories	32	1.7	1.2	2.4	74	1.9	1.5	2.4	81	1.4	1.1	1.8	752
Infectious & Parasitic Diseases	1	2.5	0.3	19.6	2	2.0	0.4	8.6	2	1.3	0.3	5.5	17
Malignant Neoplasms	2	3.8	0.9	16.6	0				3	1.5	0.5	5.1	23
Benign & Uncertain Neoplasms	0				0				1	1.0	0.1	8.3	13
Endocrine/Metabolic/ Immunity	0				0				1	0.8	0.1	5.6	17
Mental Disorders	1	1.6	0.2	12.3	2	1.2	0.3	5.4	6	2.9	1.2	7.0	29
Nervous System & Sense Organs	0				5	2.0	0.8	5.2	5	1.3	0.5	3.3	50
Circulatory System	4	1.8	0.6	4.8	6	1.5	0.6	3.4	5	0.8	0.3	2.1	76
Respiratory System	8	1.9	0.9	3.8	22	2.5	1.6	4.0	20	1.5	0.9	2.4	169
Digestive System	2	0.8	0.2	3.3	4	0.8	0.3	2.2	7	1.0	0.4	2.1	93
Genitourinary System	2	2.0	0.5	8.5	2	0.8	0.2	3.1	5	1.4	0.6	3.4	49
Skin & Subcutaneous Tissue	0				1	1.7	0.2	12.8	3	4.5	1.1	17.5	13
Musculoskeletal & Connective Tissue	11	2.1	1.1	3.9	32	3.1	2.1	4.5	26	1.6	1.1	2.5	212
Symptoms, Signs, & Ill- Defined Conditions	5	4.1	1.6	10.2	7	2.4	1.1	5.5	7	1.6	0.7	3.4	57
Injury & Poisoning	2	0.6	0.2	2.6	14	2.4	1.4	4.3	12	1.4	0.7	2.5	111
-Fracture-Lower Limb	0				1	1.4	0.2	10.5	1	0.9	0.1	7.2	14
-Dislocation	0				3	4.4	1.2	15.7	0				14
-Sprains & Strains-Back	0				4	3.1	1.0	9.2	3	1.4	0.4	4.7	27
-Sprains & Strains-Other	0				4	2.2	0.8	6.3	3	1.1	0.3	3.6	32

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit

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**Appendix O. Sentinel Health Events for Occupations (SHEO)**

The following two tables list the disease conditions that have been identified as definitely SHEOs or as possibly SHEOs, respectively (Rutstein DD et al, Sentinel Health Events [Occupational]: A Basis for Physician Recognition and Public Health Surveillance. *American Journal of Public Health*. 1983, 73(9):1054-1062). To make these categories more meaningful to the DOE workplace environment, these two SHEO categories have been evaluated taking into account workplace exposures in the DOE complex to define two additional groups of diagnoses called *production* and *nonproduction*. These are designated in the last column of each table, labelled *DOE Complex Exposure Potential*. Each group is defined as follows:

*Production:* Disease conditions that can result from exposures that may occur during production or cleanup activities within the DOE complex. Twenty-two conditions are included in this group.

*Nonproduction:* Disease conditions that can be related to occupations within the DOE complex but not exposures related to production or cleanup activities. There are 11 conditions in this group.

Conditions for which neither designation has been assigned may occur in the work force but are less likely to be related to exposures in the DOE complex than those conditions with a designation of *production or nonproduction*.

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
155	Hemangiosarcoma of the liver	
158, 163	Mesothelioma (MN of peritoneum and pleura)	Production
187.7	Malignant neoplasm of scrotum	Production
354	Carpal tunnel syndrome	Non-production
354.0	Mononeuritis of upper limb and mononeuritis multiplex	
495.4	Maltworker's lung	
495.5	Mushroom worker's lung	
495.8	Grain handler's lung, Sequoiosis	
495.9	Unspecified allergic alveolitis	
500	Coalworker's pneumoconiosis	
501	Asbestosis	Production
502	Silicosis, Talcosis	Production
503	Chronic beryllium disease of the lung	
504	Byssinosis	
506.0	Acute bronchitis, pneumonitis, and pulmonary edema due to fumes and vapors	Non-production

(Continued)

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**Appendix O. Sentinel Health Events for Occupations (SHEO)**

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
011	Pulmonary tuberculosis	
011,502	Silicotuberculosis	Production
020	Plague	
021	Tularemia	
022	Anthrax	
023	Brucellosis	
031.1	Fish-fancier's finger	
054.6	Herpetic whitlow	
037	Tetanus	Non-production
042	Human immuno-deficiency virus	
056	Rubella	
070.0, 070.1	Hepatitis A	
070.2, 070.3	Hepatitis B	
070.4	Non-A, non-B hepatitis	
071	Rabies	Non-production
073	Ornithosis	
082.0	Rocky Mountain spotted fever	
100.8	Leptospirosis	
115	Histoplasmosis	Non-production
117.1	Sporotrichosis	
147	Malignant neoplasm of nasopharynx	Non-production
160.0	Malignant neoplasm of nasal cavities	Non-production
161	Malignant neoplasm of larynx	Production
162	Malignant neoplasm of trachea, bronchus, and lung	Production
170	Malignant neoplasm of bone	Production

(Continued)

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**Appendix O. Sentinel Health Events for Occupations (SHEO)**

Diagnoses - Possibly SHEOs		
ICD-9	Condition	DOE Complex Exposure Potential
188	Malignant neoplasm of bladder	Production
189	Malignant neoplasm of kidney, other, and unspecified urinary organs	Non-production
204.0	Lymphoid leukemia, acute	Production
205.0	Myeloid leukemia, acute	Production
207.0	Erythroleukemia	Production
283.1	Hemolytic anemia, nonautoimmune	
284.8	Aplastic anemia	Production
288.0	Agranulocytosis or neutropenia	Production
289.7	Methemoglobinemia	Non-production
323.7	Toxic encephalitis	Production
332.1	Parkinson's disease (secondary)	
334.3	Cerebellar ataxia	Production
357.7	Inflammatory and toxic neuropathy	Production
366.4	Cataract	Production
388.1	Noise effects on inner ear	Production
443.0	Raynaud's phenomenon (secondary)	Non-production
493.0, 507.8	Extrinsic asthma	Non-production
570, 573.3	Toxic hepatitis	Production
584, 585	Acute or chronic renal failure	Production
606	Infertility, male	
692	Contact and allergic dermatitis	Production
733.9	Skeletal fluorosis	

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OSHA Data

**Appendix P. Number of Workers with at Least One OSHA Event by Gender, Age, and Job Category\***

	Women				Men				Total	
	Age Group			Total	Age Group			Total		
	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49			50 +
Job Category										
Management	1	0	0	1	0	0	1	1	2	3
Engr., Scientific, & Health Care	0	5	1	6	0	0	1	2	3	9
Professional	0	2	0	2	0	0	3	2	5	7
Administrative	1	2	4	7	0	0	0	0	0	7
Technical	0	2	1	3	0	4	2	5	11	14
Crafts	0	1	1	2	2	1	20	32	55	57
Operators	0	0	0	0	0	0	2	2	4	4
Nuclear Workers	1	1	1	3	0	1	4	4	9	12
Laborers & General Workers	2	3	3	8	0	3	5	8	16	24
Total	5	16	11	32	2	9	38	56	105	137

\*Only those gender/age combinations with at least one OSHA event appear in this table.

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OSHA Data

**Appendix Q. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Age**

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Age Group									
16 - 29	0	0	0	2	0	0	2	0	0
30 - 39	5	0	29	10	40	33	15	40	62
40 - 49	16	66	204	40	351	443	56	417	647
50 +	12	0	41	59	315	349	71	315	390
Total	33	66	274	111	706	825	144	772	1099

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OSHA Data

**Appendix R. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Job Category**

	Women			Men			Total		
	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost	# of Events	Days Restr- icted	Days Lost
Job Category									
Management	1	0	0	2	0	0	3	0	0
Engr., Scientific, & Health Care	6	0	1	3	0	10	9	0	11
Professional	2	0	2	5	50	11	7	50	13
Administrative	7	0	15	0	0	0	7	0	15
Technical	3	0	0	12	11	37	15	11	37
Crafts	2	64	187	58	324	588	60	388	775
Operators	0	0	0	4	2	66	4	2	66
Nuclear Workers	3	0	6	9	115	2	12	115	8
Laborers & General Workers	9	2	63	18	204	111	27	206	174
Total	33	66	274	111	706	825	144	772	1099

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OSHA Data

**Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>4</b>	<b>9</b>	<b>13</b>
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	0	1	1	1
-Disorders of Peripheral NS	350-359	0	3	1	4	0	0	5	2	7	11
-Disorders of Eye	360-379	0	0	0	0	0	0	0	1	1	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>4</b>
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	0	2	2	2
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	1	1	1
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	1	0	1	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>5</b>	<b>8</b>
-Other Inflammatory Conditions	690-698	0	1	2	3	1	1	0	3	5	8
<b>MUSCULOSKELETAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>9</b>	<b>3</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>8</b>	<b>14</b>	<b>26</b>

\*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

(Continued)



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OSHA Data

**Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
-Arthropathies	710-719	0	2	2	4	0	0	1	5	6	10
-Dorsopathies	720-724	0	0	0	0	0	0	0	1	1	1
-Rheumatism, Excluding Back	725-729	0	7	1	8	0	0	5	2	7	15
<b>SYMPTOMS, SIGNS, &amp; ILL-DEFINED CONDITIONS</b>	<b>780-799</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>4</b>
-Symptoms	780-789	0	0	0	0	0	0	0	4	4	4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>6</b>	<b>9</b>	<b>12</b>	<b>27</b>	<b>2</b>	<b>9</b>	<b>36</b>	<b>60</b>	<b>107</b>	<b>134</b>
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	1	2	3	3
-Fracture - Lower Limb	820-829	0	1	0	1	0	0	2	2	4	5
-Dislocation	830-839	0	0	0	0	0	1	0	0	1	1
-Sprains & Strains - Back	846-847	5	2	0	7	0	3	5	5	13	20
-Sprains & Strains - Other	840-845, 848	0	2	1	3	0	3	10	10	23	26
-Open Wound - Head, Neck, Trunk	870-879	0	1	1	2	0	0	2	8	10	12
-Open Wound - Upper Limb	880-887	0	0	1	1	1	1	2	11	15	16
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	1	1	1

\*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

(Continued)

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OSHA Data

**Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Age\***

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
-Superficial Injury	910-919	1	1	2	4	0	0	1	6	7	11
-Contusion	920-924	0	0	5	5	1	0	5	4	10	15
-Crushing Injury	925-929	0	0	0	0	0	0	0	1	1	1
-Foreign Body Entering Orifice	930-939	0	1	0	1	0	1	2	4	7	8
-Burns	940-949	0	0	0	0	0	0	3	2	5	5
-Complications & Unspecified Injuries	958-959	0	1	0	1	0	0	0	0	0	1
-Toxic Effects-Non-Medicinal	980-989	0	0	0	0	0	0	1	3	4	4
-Unspecified Effects - External Causes	990-995	0	0	2	2	0	0	2	1	3	5
<b>Total</b>		<b>6</b>	<b>22</b>	<b>18</b>	<b>46</b>	<b>3</b>	<b>10</b>	<b>48</b>	<b>82</b>	<b>143</b>	<b>189</b>

\*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

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OSHA Data

**Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age\***

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Disorders of Peripheral NS	350-359	0	0	0	2	0	10
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathi- es	710-719	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	2	21	0	0
-Fracture - Lower Limb	820-829	0	0	0	1	0	0
-Sprains & Strains - Back	846-847	0	29	64	180	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	18
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	13
-Contusion	920-924	0	0	0	0	0	31

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age\***

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age\***

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	0	0	92	91	0	45
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	0	9
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	28	31	36
-Dorsopathies	720-724	0	0	0	0	0	0	0	0
-Rheumatism, Excluding Back	725-729	0	0	0	0	42	52	0	0
-Symptoms	780-789	0	0	0	0	0	0	0	27

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age\***

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	41	2
-Fracture - Lower Limb	820-829	0	0	0	0	9	1	15	2
-Dislocation	830-839	0	0	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	29	4	93	7	83	13
-Sprains & Strains - Other	840-845, 848	0	0	11	29	156	344	145	227
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	15	2
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	1
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0	0	0	0
-Contusion	920-924	0	0	0	0	9	2	15	2
-Crushing Injury	925-929	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	1	0	0	10

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age\***

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Burns	940-949	0	0	0	0	0	0	0	0
-Toxic Effects-Non-Medicinal	980-989	0	0	0	0	0	0	0	9
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	4

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

Y-12 National Security Complex 2001

OSHA Data

**Appendix U. Number of Occurrences in Each Accident Category by Gender and Age\***

		Women				Men					Total
		Age Group			Total	Age Group				Total	
		30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Type of Accident	E Codes										
Motor Vehicle Traffic	E810-E819	0	0	1	1	0	0	0	0	0	1
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	1	0	1	1
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	0	0	0	2	2	2
Falls	E880-E888	1	2	3	6	0	1	4	9	14	20
Natural/Envi- ronmental Factors	E900-E909	0	0	1	1	0	0	1	2	3	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	1	0	1	0	1	2	3	6	7
Other Accidents	E916-E928	4	12	4	20	1	7	29	40	77	97

\*Only those accident types and gender/age combinations with at least one occurrence appear in this table.



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OSHA Data

**Appendix V. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Age\***

		Women					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0
Falls	E880-E888	0	5	0	1	0	31
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	0	24	66	203	0	10

\*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/age combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix V. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Age\***

		Men							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	0
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	0	0	0	9
Falls	E880-E888	0	0	0	0	2	57	15	54
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	4
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	1	0	0	0
Other Accidents	E916-E928	0	0	40	33	348	386	300	282

\*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/age combinations with at least one occurrence appear in this table.

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OSHA Data

**Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women								
		Job Category								Total
		Man- age- ment	Engr- ing, Sci- entif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code									
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	0	1	2	1	0	0	0	0	4
-Disorders of Peripheral NS	350-359	0	1	2	1	0	0	0	0	4
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0	1	0	0	2	3
-Other Inflammatory Conditions	690-698	0	0	0	0	1	0	0	2	3
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	0	5	0	2	1	0	0	4	12
-Arthropathi- es	710-719	0	2	0	2	0	0	0	0	4
-Rheumatism, Excluding Back	725-729	0	3	0	0	1	0	0	4	8
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	2	4	0	4	1	7	3	6	27
-Fracture - Lower Limb	820-829	0	1	0	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	2	0	0	1	0	1	2	1	7

\*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Women								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code									
-Sprains & Strains - Other	840-845, 848	0	1	0	1	0	0	0	1	3
-Open Wound - Head, Neck, Trunk	870-879	0	1	0	1	0	0	0	0	2
-Open Wound - Upper Limb	880-887	0	0	0	1	0	0	0	0	1
-Superficial Injury	910-919	0	0	0	0	0	2	0	2	4
-Contusion	920-924	0	0	0	0	0	4	0	1	5
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	1	1
-Complicatio- ns & Unspecified Injuries	958-959	0	1	0	0	0	0	0	0	1
-Unspecified Effects - External Causes	990-995	0	0	0	0	1	0	1	0	2
<b>Total</b>		<b>2</b>	<b>10</b>	<b>2</b>	<b>7</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>12</b>	<b>46</b>

\*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code									
<b>NERVOUS SYSTEM (NS) &amp; SENSE ORGANS</b>	<b>320-389</b>	1	1	1	0	4	0	0	2	9
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	0	1	1
-Disorders of Peripheral NS	350-359	0	1	1	0	4	0	0	1	7
-Disorders of Eye	360-379	1	0	0	0	0	0	0	0	1
<b>RESPIRATORY SYSTEM</b>	<b>460-519</b>	0	0	0	0	2	0	2	0	4
-Acute Respiratory Infections	460-466	0	0	0	0	1	0	1	0	2
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	1	0	1
-Lung Dis from External Agents	500-508	0	0	0	0	1	0	0	0	1
<b>SKIN &amp; SUBCUTANEOUS TISSUE</b>	<b>680-709</b>	0	0	0	0	4	0	0	1	5

\*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code									
-Other Inflammatory Conditions	690-698	0	0	0	0	4	0	0	1	5
<b>MUSCULOSKELE- TAL &amp; CONNECTIVE TISSUE</b>	<b>710-739</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>14</b>
-Arthropathi- es	710-719	0	0	0	0	2	0	0	4	6
-Dorsopathies	720-724	0	0	0	0	1	0	0	0	1
-Rheumatism, Excluding Back	725-729	0	1	3	0	2	0	1	0	7
<b>SYMPTOMS, SIGNS, &amp; ILL- DEFINED CONDITIONS</b>	<b>780-799</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>
-Symptoms	780-789	0	0	0	0	2	0	1	1	4
<b>INJURY &amp; POISONING</b>	<b>800-999</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>59</b>	<b>4</b>	<b>9</b>	<b>19</b>	<b>107</b>
-Fracture - Upper Limb	810-819	0	0	0	0	1	0	2	0	3
-Fracture - Lower Limb	820-829	0	0	0	0	2	0	1	1	4
-Dislocation	830-839	0	0	0	0	0	0	0	1	1

\*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code									
-Sprains & Strains - Back	846-847	0	0	0	2	8	0	0	3	13
-Sprains & Strains - Other	840-845, 848	0	0	1	2	8	2	4	6	23
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	8	0	0	2	10
-Open Wound - Upper Limb	880-887	0	0	0	2	11	0	0	2	15
-Open Wound - Lower Limb	890-897	0	1	0	0	0	0	0	0	1
-Superficial Injury	910-919	0	0	0	0	5	0	0	2	7
-Contusion	920-924	0	0	0	1	7	0	1	1	10
-Crushing Injury	925-929	0	0	0	1	0	0	0	0	1
-Foreign Body Entering Orifice	930-939	1	0	0	1	4	1	0	0	7
-Burns	940-949	0	0	0	1	4	0	0	0	5
-Toxic Effects-Non- Medicinal	980-989	0	0	0	1	1	0	1	1	4

\*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix W. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category\***

		Men								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Diagnostic Category	ICD-9-CM Code									
-Unspecified Effects - External Causes	990-995	1	0	0	1	0	1	0	0	3
Total		3	3	5	12	76	4	13	27	143

\*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.



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OSHA Data

**Appendix X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Women															
		Job Category															
		Managem-ent		Engr., Scientific, & Health Care		Professi-onal		Administ-rative		Technical		Crafts		Nuclear Workers		Laborers & General Workers	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Disorders of Peripheral NS	350-359	0	0	0	0	0	2	0	10	0	0	0	0	0	0	0	
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Arthropathies	710-719	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2 21	
-Fracture - Lower Limb	820-829	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	5	0	0	64	174	0	6	0 24	
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0 18	
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Women																
		Job Category																
		Managem-ent		Engr., Scientific, & Health Care		Professi-onal		Administ-rative		Technical		Crafts		Nuclear Workers		Laborers & General Workers		
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	
Diagnostic Category	ICD-9-CM Codes																	
-Contusion	920-924	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0	0	18
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Complicatio-ns & Unspecified Injuries	958-959	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

**Appendix X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Men															
		Job Category															
		Managem-ent		Engr., Scientific, & Health Care		Professi-onal		Technical		Crafts		Operators		Nuclear Workers		Laborers & General Workers	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Other Disorders of Central NS	340-349	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Disorders of Peripheral NS	350-359	0	0	0	10	50	11	0	0	42	87	0	0	0	0	28	
-Disorders of Eye	360-379	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Acute Respiratory Infections	460-466	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	
-Other Dis Upper Respiratory Tract	470-478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Lung Dis from External Agents	500-508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Arthropathi-es	710-719	0	0	0	0	0	0	0	0	0	27	0	0	0	31	37	
-Dorsopathies	720-724	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Men															
		Job Category															
		Managem-ent		Engr., Scientific, & Health Care		Professi-onal		Technical		Crafts		Operators		Nuclear Workers		Laborers & General Workers	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Rheumatism, Excluding Back	725-729	0	0	0	0	0	0	0	0	42	52	0	0	0	0	0	
-Symptoms	780-789	0	0	0	0	0	0	0	0	0	27	0	0	0	0	0	
-Fracture - Upper Limb	810-819	0	0	0	0	0	0	0	0	0	0	0	0	41	2	0	
-Fracture - Lower Limb	820-829	0	0	0	0	0	0	0	0	9	1	0	0	0	0	15	
-Dislocation	830-839	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	0	4	95	10	0	0	0	0	110	
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	11	29	177	453	2	56	74	0	48	
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
-Open Wound - Lower Limb	890-897	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
-Superficial Injury	910-919	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix X. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category\***

		Men															
		Job Category															
		Managem-ent		Engr., Scientific, & Health Care		Professi-onal		Technical		Crafts		Operators		Nuclear Workers		Laborers & General Workers	
		Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost	Days Res-tri-cted	Days Lost
Diagnostic Category	ICD-9-CM Codes																
-Contusion	920-924	0	0	0	0	0	0	0	0	9	2	0	0	0	0	15	2
-Crushing Injury	925-929	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	0	0	1	0	0	10	0	0	0	0
-Burns	940-949	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
-Toxic Effects-Non-Medicinal	980-989	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0

\*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

**Appendix Y. Number of Occurrences in Each Accident Category by Gender and Job Category\***

		Women								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Admi- nist- rati- ve	Tech- nical	Craf- ts	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Type of Accident	E CODES									
Motor Vehicle Traffic	E810-E819	0	1	0	0	0	0	0	0	1
Falls	E880-E888	0	2	0	2	0	1	0	1	6
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	1	0	0	0	1
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	1	1
Other Accidents	E916-E928	1	3	2	5	1	1	2	5	20

\*Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

(Continued)

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OSHA Data

**Appendix Y. Number of Occurrences in Each Accident Category by Gender and Job Category\***

		Men								
		Job Category								Total
		Man- age- ment	Engr- ., Scie- ntif- ic, & Heal- th Care	Prof- essi- onal	Tech- nical	Craf- ts	Oper- ators	Nucl- ear Work- ers	Labo- rers & Gene- ral Work- ers	
Type of Accident	E CODES									
Motor Vehicle Nontraffic	E820-E825	0	0	0	1	0	0	0	0	1
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	1	0	1	0	2
Falls	E880-E888	0	0	0	1	8	1	0	4	14
Natural/Envi- ronmental Factors	E900-E909	0	0	0	2	0	0	0	1	3
Submersion/S- uffocation/F- oreign Bodies	E910-E915	1	0	0	1	4	0	0	0	6
Other Accidents	E916-E928	0	3	5	7	40	2	8	12	77

\*Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

**Appendix Z. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Job Category\***

		Women															
		Job Category															
		Managem- ent		Engr., Scientif- ic, & Health Care		Professi- onal		Administ- rative		Technical		Crafts		Nuclear Workers		Laborers & General Workers	
		Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost	Days Res- tri- cted	Days Lost
Type of Accident	E Codes																
Motor Vehicle Traffic	E810-E819	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	1	0	0	0	5	0	0	0	13	0	0	0	18
Natural/Envi- ronmental Factors	E900-E909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Submersion/S- uffocation/F- oreign Bodies	E910-E915	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	0	2	0	10	0	0	64	174	0	6	2	45

\*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

(Continued)



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OSHA Data

**Appendix Z. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Job Category\***

		Men															
		Job Category															
		Management		Engr., Scientific, & Health Care		Professional		Technical		Crafts		Operators		Nuclear Workers		Laborers & General Workers	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes																
Motor Vehicle Nontraffice	E820-E825	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accidental Poisoning - Non-Medicinal	E860-E869	0	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	0	0	0	0	0	1	2	56	0	0	15	54
Natural/Environmental Factors	E900-E909	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	10	50	11	11	33	323	578	0	10	115	2	189	57

\*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

Y-12 National Security Complex 2001

OSHA Data

**Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender****Part 1. Age-Adjusted Rates for All OSHA-Recordable Diagnoses by Gender and Job Category from 1998 to 2001**

Rate per 1,000 Women

Women	Management			Engineer, Scientific, & Health Care			Professional			Administrative		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	9	24	65	7	16	38	17	36	77	35	76	165
1999	6	15	40	16	30	54	5	10	23	18	29	46
2000	20	61	189	<1	3	20	5	13	30	23	42	74
2001	11	43	170	15	30	57	1	4	16	6	14	32

Year	Technical			Crafts			Security			Operators		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	26	83	266	25	99	397	47	111	264	0	0	0
1999	59	137	319	0	0	0	69	141	286	0	0	0
2000	9	23	60	33	88	235	0	0	0	0	0	0
2001	4	15	49	70	148	311	**	**	**	0	0	0

Year	Nuclear Workers			Laborers & General Workers			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	30	69	162	103	232	523	0	0	0
1999	50	110	241	86	137	218	0	0	0
2000	62	118	223	74	116	182	*	*	*
2001	12	41	139	49	98	196	*	*	*

Rate per 1,000 Men

Men	Management			Engineer, Scientific, & Health Care			Professional			Administrative		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	4	11	32	8	12	20	3	8	21	5	35	251
1999	10	19	34	9	13	21	12	22	43	0	0	0
2000	1	4	10	4	8	15	3	6	16	0	0	0
2001	1	3	8	1	2	6	3	8	19	0	0	0

Year	Technical			Crafts			Security			Operators		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	28	47	81	42	56	75	40	63	97	108	306	868
1999	48	104	225	106	135	172	127	228	411	42	80	153
2000	15	49	157	38	59	91	0	0	0	3	17	89
2001	29	60	122	60	103	176	**	**	**	11	31	87

Year	Nuclear Workers			Laborers & General Workers			Unknown		
	Lower	Mid	Upper	Lower	Mid	Upper	Lower	Mid	Upper
1998	68	103	157	101	181	325	0	0	0
1999	208	273	359	62	92	137	0	0	0
2000	70	104	154	24	47	95	*	*	*
2001	25	44	78	46	69	103	*	*	*

\* Unknown job category had no employees in 2000 and 2001.

\*\*Security job category had no employees in 2001.

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix AA. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined and Injury by Gender**

**Part 2. Age-Adjusted Rates for Injury by Gender from 1998 to 2001**

Rate per 1,000

Year	Injury Men			Injury Women		
	Lower	Mid	Upper	Lower	Mid	Upper
1998	30	46	73	29	49	81
1999	22	31	44	9	13	19
2000	14	22	35	18	25	34
2001	21	31	47	11	16	24

Y-12 National Security Complex 2001

OSHA Data

**Appendix BB. OSHA Diseases and Injuries by Diagnostic Category****Part 1. Men**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	9	1.5	0.8	2.9
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	4	0.6	0.2	1.6
-Upper Respiratory	460-465, 470-478	3	0.4	0.1	1.2
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
Skin & Subcutaneous Tissue	680-709	5	5.4	1.2	24.4
Musculoskeletal System	710-739	14	2.2	1.3	3.7
-Dorsopathies	720-724	1	0.1	0.0	0.9
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	4	0.5	0.2	1.4
Injury & Poisoning	800-999	107	31.3	21.1	46.6
-Fractures, All Sites	800-829	7	1.1	0.5	2.3
-Dislocations	830-839	1	0.6	0.1	4.1
-Sprains & Strains	840-848	36	8.9	6.1	13.2
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	26	9.7	4.0	23.0
-Other Injuries	900-999	37	11.1	5.2	23.6
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>143</b>	<b>41.5</b>	<b>28.9</b>	<b>59.5</b>

\*Standardized to age distribution of 1970 U.S. population.

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix BB. OSHA Diseases and Injuries by Diagnostic Category****Part 2. Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	4	1.8	0.7	4.9
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	0	0	0	0
-Upper Respiratory	460-465, 470-478	0	0	0	0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	3	1.6	0.5	4.9
Musculoskeletal System	710-739	12	5.5	3.1	9.7
-Dorsopathies	720-724	0	0	0	0
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	0	0	0	0
Injury & Poisoning	800-999	27	16.2	10.9	24.0
-Fractures, All Sites	800-829	1	0.4	0.1	3.0
-Dislocations	830-839	0	0	0	0
-Sprains & Strains	840-848	10	6.8	3.6	13.2
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	3	1.6	0.5	4.9
-Other Injuries	900-999	13	7.4	4.2	12.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
Total		46	25.1	18.6	33.9

\* Standardized to age distribution of 1970 U.S. population.

\*\*Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix BB. OSHA Diseases and Injuries by Diagnostic Category****Part 3. Men and Women**

Category of Diagnoses	ICD-9-CM Code	Number of Diagnoses	Age-Adjusted Rate per 1000*	Lower 95% Confidence Limit per 1000	Upper 95% Confidence Limit per 1000
Infections & Parasitic Diseases	001-139	0	0	0	0
Malignant Neoplasms	140-208, 230-234	0	0	0	0
-Digestive Organs	150-159	0	0	0	0
-Respiratory System	160-165	0	0	0	0
-Breast	174-175	0	0	0	0
-Genitourinary	179-189	0	0	0	0
-Nervous System	191-192	0	0	0	0
-Leukemia, Lymphoma	200-208	0	0	0	0
Benign Neoplasms & Other	210-229, 235-239	0	0	0	0
Endocrine & Metabolic Diseases	240-279	0	0	0	0
Blood & Blood-Forming Organs	280-289	0	0	0	0
Mental Disorders	290-319	0	0	0	0
-Alcoholism	303	0	0	0	0
-Drug Abuse	304-305	0	0	0	0
Nervous System & Sense Organs	320-389	13	1.6	0.9	2.7
Circulatory System	390-459	0	0	0	0
-Hypertension	401	0	0	0	0
-Acute Myocardial Infarction	410	0	0	0	0
-Ischemic Disease, not M.I.	411-414, 429.2	0	0	0	0
-Cerebrovascular Disease	430-438	0	0	0	0
Respiratory System	460-519	4	0.5	0.2	1.2
-Upper Respiratory	460-465, 470-478	3	0.3	0.1	1.0
-Pneumonia/Bronchitis	466, 480-487	0	0	0	0
-Chronic Respiratory Conditions	490-496	0	0	0	0
Digestive System	520-579	0	0	0	0
-Hernias	550-553	0	0	0	0
-Gallbladder Disease	574-575	0	0	0	0
Genitourinary System	580-629	0	0	0	0
-Benign Prostatic Hypertrophy	600	0	0	0	0
-Endometriosis	617	0	0	0	0
-Ovarian Cysts	620.0-620.2	0	0	0	0
-Female Genital Pain/Bleeding	625-626	0	0	0	0
Pregnancy & Childbirth**	630-639	0	0	0	0
Skin & Subcutaneous Tissue	680-709	8	4.3	1.1	17.5
Musculoskeletal System	710-739	26	3.1	2.1	4.6
-Dorsopathies	720-724	1	0.1	0.0	0.8
Congenital Anomalies	740-759	0	0	0	0
Certain Perinatal Conditions	760-779	0	0	0	0
Symptoms, Signs, & Ill Defined Cond	780-799	4	0.4	0.2	1.2
Injury & Poisoning	800-999	134	27.5	19.6	38.7
-Fractures, All Sites	800-829	8	1.0	0.5	1.9
-Dislocations	830-839	1	0.4	0.0	2.5
-Sprains & Strains	840-848	46	8.6	6.2	12.0
-Intracranial Injuries	850-854	0	0	0	0
-Internal Injuries	860-869	0	0	0	0
-Open Wounds	870-897	29	7.7	3.4	17.3
-Other Injuries	900-999	50	10.0	5.3	18.8
Health Status/Health Serv Contact	V01-V82	0	0	0	0
-Family History of Health Problems	V10-V19	0	0	0	0
-Circumstances Reproduction/Develop	V20-V28	0	0	0	0
-Specific Procedure/Aftercare	V50-V59	0	0	0	0
<b>Total</b>		<b>189</b>	<b>37.5</b>	<b>27.7</b>	<b>50.6</b>

\* Standardized to age distribution of 1970 U.S. population.

\*\*Only women aged 18-45 were included in the calculation of the rates for these diagnostic categories.

Y-12 National Security Complex 2001

OSHA Data

**Appendix CC. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events**

Diagnostic Category	Management 631 Person-Years				Engineering, Scientific, and Health Care 986 Person-Years				Professional 570 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	3	0.1	0.04	0.4	9	0.3	0.1	0.5	7	0.4	0.2	0.8
Nervous System & Sense Organs	1	0.5	0.1	3.8	2	0.7	0.2	3.0	3	2.0	0.5	7.9
Musculoskeletal & Connective Tissue	0				3	0.7	0.2	2.4	3	1.1	0.3	3.6
Injury & Poisoning	3	0.2	0.1	0.6	5	0.2	0.1	0.5	1	0.1	0.01	0.5
-Sprains & Strains-Back	1	0.5	0.1	3.2	0				0			
-Sprains & Strains-Other	0				1	0.1	0.02	0.9	1	0.3	0.04	2.3
-Open Wound-Head, Neck, Trunk	0				1	0.4	0.1	2.8	0			
-Open Wound-Upper Limb	0				0				0			
-Contusion	0				0				0			

Diagnostic Category	Administrative 355 Person-Years				Technical 352 Person-Years				Crafts 868 Person-Years			
	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***	Persons with 1+ Event *	RR**	Lower 95% CI***	Upper 95% CI***
All Diagnostic Categories	7	0.6	0.3	1.5	14	1.4	0.8	2.5	57	3.2	2.2	4.7
Nervous System & Sense Organs	1	0.8	0.1	8.1	0				4	2.1	0.6	7.4
Musculoskeletal & Connective Tissue	2	0.9	0.2	4.9	1	0.6	0.1	5.2	5	1.6	0.6	4.9
Injury & Poisoning	4	0.6	0.2	1.7	12	1.7	0.9	3.1	45	3.4	2.2	5.1
-Sprains & Strains-Back	1	0.6	0.1	4.9	2	1.2	0.3	5.2	7	4.6	1.6	13.7
-Sprains & Strains-Other	1	1.0	0.1	9.9	2	1.0	0.2	4.5	8	1.6	0.7	4.0
-Open Wound-Head, Neck, Trunk	1	1.9	0.1	24.6	0				7	7.9	1.8	35.0
-Open Wound-Upper Limb	1	6.5	0.1	425.8	2	2.3	0.5	11.2	11	8.0	2.4	26.8
-Contusion	0				1	1.5	0.2	11.8	7	6.5	1.9	22.0

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit

(Continued)

Y-12 National Security Complex 2001

OSHA Data

**Appendix CC. Relative Risk Estimates for Selected Diagnostic Categories Among OSHA Events**

Diagnostic Category	Operators 125 Person-Years				Nuclear Workers 246 Person-Years				Laborers and General Workers 359 Person-Years				Total Persons with 1+ Event
	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	Pers ons with 1+ Even t*	RR**	Low er 95% CI** *	Upp er 95% CI** *	
All Diagnostic Categories	4	1.0	0.4	2.7	12	1.7	0.9	3.0	24	2.5	1.6	3.9	137
Nervous System & Sense Organs	0				0				2	2.2	0.5	9.8	13
Musculoskeletal & Connective Tissue	0				1	0.9	0.1	7.0	5	3.9	1.4	10.7	20
Injury & Poisoning	4	1.3	0.5	3.5	11	2.1	1.1	3.9	17	2.4	1.4	4.0	102
-Sprains & Strains-Back	0				2	2.3	0.6	9.8	4	3.9	1.3	12.1	17
-Sprains & Strains-Other	2	2.6	0.6	11.2	4	3.1	1.1	9.1	7	4.3	1.8	10.4	26
-Open Wound-Head, Neck, Trunk	0				0				2	2.7	0.6	12.2	11
-Open Wound-Upper Limb	0				0				2	1.6	0.4	6.9	16
-Contusion	0				1	1.6	0.2	12.0	2	2.3	0.5	10.7	11

\* Persons with multiple absences during the time period were counted only once.

\*\* RR = Relative Risk. Adjusted for age and gender; compared with all job categories.

\*\*\*CI = Confidence Limit